

## Course descriptions

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## 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.KŽFE/N-bUBI-023/22                                                                                                                                                                             |       | <b>Course title:</b><br>Animal and Human Physiology 1 |       |       |      |
| <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> 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: 92                                                                                                                                                 |       |                                                       |       |       |      |
| A                                                                                                                                                                                                                        | B     | C                                                     | D     | E     | FX   |
| 10,87                                                                                                                                                                                                                    | 19,57 | 27,17                                                 | 19,57 | 19,57 | 3,26 |
| <b>Lecturers:</b> prof. Mgr. Iveta Herichová, PhD.                                                                                                                                                                       |       |                                                       |       |       |      |
| <b>Last change:</b> 21.12.2022                                                                                                                                                                                           |       |                                                       |       |       |      |
| <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.KŽFE/N-bUBI-024/22                                                                                                                                                                                   |       | <b>Course title:</b><br>Animal and Human Physiology 2 |      |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 3 / 2 <b>per level/semester:</b> 42 / 28<br><b>Form of the course:</b> on-site learning       |       |                                                       |      |       |      |
| <b>Number of credits:</b> 5                                                                                                                                                                                                    |       |                                                       |      |       |      |
| <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: 85                                                                                                                                                       |       |                                                       |      |       |      |
| A                                                                                                                                                                                                                              | B     | C                                                     | D    | E     | FX   |
| 17,65                                                                                                                                                                                                                          | 25,88 | 28,24                                                 | 9,41 | 17,65 | 1,18 |
| <b>Lecturers:</b> prof. Mgr. Iveta Herichová, PhD., doc. RNDr. Lucia Kršková, PhD., RNDr. Katarína Stebelová, PhD., Mgr. Peter Štefánik, PhD., Mgr. Zuzana Dzirbíková, PhD., Mgr. Roman Moravčík, PhD., Mgr. Jana Zlacká, PhD. |       |                                                       |      |       |      |
| <b>Last change:</b> 21.12.2022                                                                                                                                                                                                 |       |                                                       |      |       |      |
| <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.KDPP/N-bOBH-100/22      | <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> 01.08.2022                    |                                                   |
| <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.KFR/N-bOBH-100/22       | <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>                               |                                                   |

## 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.KDPP/N-bUXX-040/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     | <b>Course title:</b><br>Bachelor's Thesis Seminar (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: 109                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |                                                       |      |      |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ABS | B                                                     | C    | D    | E    | FX   |
| 71,56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0,0 | 15,6                                                  | 2,75 | 4,59 | 1,83 | 3,67 |
| <b>Lecturers:</b> prof. RNDr. Miroslav Prokša, CSc., doc. RNDr. PaedDr. Zuzana Haláková, PhD., doc. RNDr. Štefan Karolčík, PhD., doc. PaedDr. Elena Čipková, PhD., RNDr. Jana Ciceková, PhD., PaedDr. Anna Drozdíková, PhD., PhDr. ThLic. Peter Ikhardt, PhD., Mgr. Lenka Šikulíncová, PhD., RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., RNDr. Soňa Nagyová, PhD., Mgr. Štefan Zolcer, PhD., doc. Mgr. Marcel Horňák, PhD., doc. RNDr. Daniel Gurňák, PhD., RNDr. Katarína Danielová, PhD., RNDr. Ivan Ružek, PhD., doc. RNDr. Jozef Tatiersky, PhD., RNDr. Jana Chrappová, PhD., doc. Ing. Mária Mečiarová, PhD., doc. RNDr. Katarína Pavličková, CSc., doc. Mgr. Soňa Jančovičová, PhD., doc. RNDr. Zlatica Országhová, CSc., doc. RNDr. Marek Vaculík, PhD., Mgr. Peter Štefánik, PhD., doc. RNDr. Eva Záhorská, PhD., PhDr. Michael Fuchs |     |                                                       |      |      |      |      |
| <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.KDPP/N-bUXX-041/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | <b>Course title:</b><br>Bachelor's Thesis Seminar (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: 102                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |                                                       |      |      |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ABS | B                                                     | C    | D    | E    | FX   |
| 71,57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0,0 | 12,75                                                 | 5,88 | 1,96 | 3,92 | 3,92 |
| <b>Lecturers:</b> prof. RNDr. Miroslav Prokša, CSc., doc. RNDr. PaedDr. Zuzana Haláková, PhD., doc. RNDr. Štefan Karolčík, PhD., doc. PaedDr. Elena Čipková, PhD., RNDr. Jana Ciceková, PhD., PaedDr. Anna Drozdíková, PhD., PhDr. ThLic. Peter Ikhardt, PhD., Mgr. Lenka Šikulíncová, PhD., Mgr. Milica Križanová, PhD., RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., RNDr. Soňa Nagyová, PhD., Mgr. Štefan Zolcer, PhD., doc. Mgr. Marcel Horňák, PhD., doc. RNDr. Daniel Gurňák, PhD., RNDr. Katarína Danielová, PhD., RNDr. Ivan Ružek, PhD., doc. RNDr. Jozef Tatiersky, PhD., RNDr. Jana Chrappová, PhD., doc. Ing. Mária Mečiarová, PhD., doc. RNDr. Katarína Pavličková, CSc., doc. Mgr. Soňa Jančovičová, PhD., doc. RNDr. Zlatica Országhová, CSc., doc. RNDr. Marek Vaculík, PhD., Mgr. Peter Štefánik, PhD., doc. RNDr. Eva Záhorská, PhD., Mgr. Rastislav Cákoci, PhD., PhDr. Michael Fuchs |     |                                                       |      |      |      |      |
| <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.KFR/N-bUBI-005/22                                                                                                                                                        |     | <b>Course title:</b><br>Basic Principles of Phytoremediation |     |     |     |
| <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., 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> doc. RNDr. Marek Vaculík, PhD., prof. RNDr. Alexander Lux, CSc.                                                                                                                  |     |                                                              |     |     |     |
| <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.KZ/N-bUBI-104/22                                                                                                                                                                               |       | <b>Course title:</b><br>Basics of Anatomy and Morphology of Animals |       |       |       |
| <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> 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: 56                                                                                                                                                 |       |                                                                     |       |       |       |
| A                                                                                                                                                                                                                        | B     | C                                                                   | D     | E     | FX    |
| 10,71                                                                                                                                                                                                                    | 17,86 | 14,29                                                               | 21,43 | 19,64 | 16,07 |
| <b>Lecturers:</b> prof. RNDr. Milada Holecová, CSc., RNDr. Veronika Hrabovcová Sládkovičová, PhD.,<br>Mgr. Kamila Ondřejková, PhD.                                                                                       |       |                                                                     |       |       |       |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                                           |       |                                                                     |       |       |       |
| <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.KZ/N-bUBI-108/22                                                                                                                                                         |     | <b>Course title:</b><br>Basics of Animal Conservation |     |      |      |
| <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: 4                                                                                                                            |     |                                                       |     |      |      |
| A                                                                                                                                                                                                  | B   | C                                                     | D   | E    | FX   |
| 50,0                                                                                                                                                                                               | 0,0 | 0,0                                                   | 0,0 | 25,0 | 25,0 |
| <b>Lecturers:</b> Mgr. Matúš Kúdela, PhD.                                                                                                                                                          |     |                                                       |     |      |      |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                     |     |                                                       |     |      |      |
| <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.KZ/N-bBZO-012/22                                                                                                                                                                               |       | <b>Course title:</b><br>Basics of Entomology |     |     |       |
| <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> 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: 7                                                                                                                                                  |       |                                              |     |     |       |
| A                                                                                                                                                                                                                        | B     | C                                            | D   | E   | FX    |
| 14,29                                                                                                                                                                                                                    | 28,57 | 14,29                                        | 0,0 | 0,0 | 42,86 |
| <b>Lecturers:</b> prof. RNDr. Milada Holecová, CSc., doc. Mgr. Peter Fend'a, PhD.                                                                                                                                        |       |                                              |     |     |       |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                                           |       |                                              |     |     |       |
| <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.KZ/N-bUBI-101/22                                                                                                                                                         |      | <b>Course title:</b><br>Basics of Insects Ethology |     |     |      |
| <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., 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: 8                                                                                                                            |      |                                                    |     |     |      |
| A                                                                                                                                                                                                  | B    | C                                                  | D   | E   | FX   |
| 75,0                                                                                                                                                                                               | 12,5 | 0,0                                                | 0,0 | 0,0 | 12,5 |
| <b>Lecturers:</b> prof. RNDr. Milada Holecová, CSc.                                                                                                                                                |      |                                                    |     |     |      |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                     |      |                                                    |     |     |      |
| <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.KFR/N-bBFR-004/22                                                                                                                                                                              |       | <b>Course title:</b><br>Basics of Plant Physiology |      |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 3 / 2 <b>per level/semester:</b> 42 / 28<br><b>Form of the course:</b> on-site learning |       |                                                    |      |       |       |
| <b>Number of credits:</b> 5                                                                                                                                                                                              |       |                                                    |      |       |       |
| <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: 132                                                                                                                                                |       |                                                    |      |       |       |
| A                                                                                                                                                                                                                        | B     | C                                                  | D    | E     | FX    |
| 18,18                                                                                                                                                                                                                    | 12,12 | 13,64                                              | 19,7 | 21,97 | 14,39 |
| <b>Lecturers:</b> doc. RNDr. Marek Vaculík, PhD., doc. RNDr. Zuzana Lukačová, PhD., RNDr. Jana Kohanová, 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.KZ/N-bUBI-107/22                                                                                                                                                         |       | <b>Course title:</b><br>Bioacoustics for Biology Teachers |      |      |      |
| <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., 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   |
| 33,33                                                                                                                                                                                              | 16,67 | 8,33                                                      | 25,0 | 8,33 | 8,33 |
| <b>Lecturers:</b> Mgr. Lucia Rubáčová, PhD.                                                                                                                                                        |       |                                                           |      |      |      |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                     |       |                                                           |      |      |      |
| <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.KŽFE/N-bUBI-014/22                                                                                                                                                       |      | <b>Course title:</b><br>Bioethics |     |     |      |
| <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: 40                                                                                                                           |      |                                   |     |     |      |
| A                                                                                                                                                                                                  | B    | C                                 | D   | E   | FX   |
| 75,0                                                                                                                                                                                               | 15,0 | 0,0                               | 0,0 | 0,0 | 10,0 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc., doc. RNDr. Lucia Kršková, PhD., doc. Mgr. Miroslava Slaninová, Dr., Mgr. Zdenko Levarski, PhD., doc. RNDr. Stanislav Stuchlík, PhD.             |      |                                   |     |     |      |
| <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.KBo/N-bUBI-061/22                                                                                                                                                        |     | <b>Course title:</b><br>Biogeography for Teachers |     |     |       |
| <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: 3                                                                                                                            |     |                                                   |     |     |       |
| A                                                                                                                                                                                                  | B   | C                                                 | D   | E   | FX    |
| 33,33                                                                                                                                                                                              | 0,0 | 0,0                                               | 0,0 | 0,0 | 66,67 |
| <b>Lecturers:</b> Ing. Mgr. Eva Zahradníková, PhD., prof. RNDr. Karol Mičieta, PhD.                                                                                                                |     |                                                   |     |     |       |
| <b>Last change:</b> 19.12.2022                                                                                                                                                                     |     |                                                   |     |     |       |
| <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.KOrCh/N-bUBI-002/22                                                                                                                                                                         |       | <b>Course title:</b><br>Biologic Chemistry for Biology Teachers |       |     |       |
| <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., 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: 14                                                                                                                                              |       |                                                                 |       |     |       |
| A                                                                                                                                                                                                                     | B     | C                                                               | D     | E   | FX    |
| 14,29                                                                                                                                                                                                                 | 35,71 | 7,14                                                            | 14,29 | 0,0 | 28,57 |
| <b>Lecturers:</b> Mgr. Iveta Kmentová, 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.KEk/N-bUBI-045/22                                                                                                                                                        |       | <b>Course title:</b><br>Biological Invasions for Teachers 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> 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: 1                                                                                                                            |       |                                                             |     |     |     |
| A                                                                                                                                                                                                  | B     | C                                                           | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 100,0 | 0,0                                                         | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Kristína Slovák Švolíková, PhD., doc. RNDr. Eva Záhorská, PhD.                                                                                                              |       |                                                             |     |     |     |
| <b>Last change:</b> 24.08.2022                                                                                                                                                                     |       |                                                             |     |     |     |
| <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.KBo/N-bUBI-054/22                                                                                                                                                                              |       | <b>Course title:</b><br>Botany 1 |       |       |       |
| <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: 139                                                                                                                                                |       |                                  |       |       |       |
| A                                                                                                                                                                                                                        | B     | C                                | D     | E     | FX    |
| 7,91                                                                                                                                                                                                                     | 14,39 | 26,62                            | 12,95 | 28,06 | 10,07 |
| <b>Lecturers:</b> doc. Mgr. Katarína Mišíková, PhD., doc. Mgr. Soňa Jančovičová, PhD.                                                                                                                                    |       |                                  |       |       |       |
| <b>Last change:</b> 19.12.2022                                                                                                                                                                                           |       |                                  |       |       |       |
| <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.KBo/N-bUBI-055/22                                                                                                                                                                              |      | <b>Course title:</b><br>Botany 2 |      |     |      |
| <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> 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: 67                                                                                                                                                 |      |                                  |      |     |      |
| A                                                                                                                                                                                                                        | B    | C                                | D    | E   | FX   |
| 82,09                                                                                                                                                                                                                    | 4,48 | 2,99                             | 1,49 | 0,0 | 8,96 |
| <b>Lecturers:</b> RNDr. Silvia Kubalová, PhD., doc. RNDr. Jana Ščevková, PhD.                                                                                                                                            |      |                                  |      |     |      |
| <b>Last change:</b> 19.12.2022                                                                                                                                                                                           |      |                                  |      |     |      |
| <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-025/22                                                                                                                                                         |     |     | <b>Course title:</b><br>Chemistry Lab Practicals for Non-Chemists |     |     |     |
| <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., 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: 0                                                                                                                               |     |     |                                                                   |     |     |     |
| A                                                                                                                                                                                                     | ABS | B   | C                                                                 | D   | E   | FX  |
| 0,0                                                                                                                                                                                                   | 0,0 | 0,0 | 0,0                                                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Jana Chrappová, PhD., Mgr. Dominika Lacušková                                                                                                                                 |     |     |                                                                   |     |     |     |
| <b>Last change:</b> 14.06.2023                                                                                                                                                                        |     |     |                                                                   |     |     |     |
| <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.KŽFE/N-bBFE-016/22                                                                                                                                                                          |     | <b>Course title:</b><br>Chronobiology |     |     |       |
| <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: 1                                                                                                                                               |     |                                       |     |     |       |
| A                                                                                                                                                                                                                     | B   | C                                     | D   | E   | FX    |
| 0,0                                                                                                                                                                                                                   | 0,0 | 0,0                                   | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b> prof. Mgr. Iveta Herichová, PhD., prof. RNDr. Michal Zeman, DrSc., RNDr. Katarína Stebelová, PhD.                                                                                                   |     |                                       |     |     |       |
| <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.KDPP/N-bUXX-043/22                                                                                                                                                       |     |     | <b>Course title:</b><br>Cognitive Skills Development in Science Education |     |     |     |
| <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., 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: 1                                                                                                                            |     |     |                                                                           |     |     |     |
| A                                                                                                                                                                                                  | ABS | B   | C                                                                         | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0 | 0,0                                                                       | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Milica Križanová, PhD.                                                                                                                                                      |     |     |                                                                           |     |     |     |
| <b>Last change:</b> 07.09.2022                                                                                                                                                                     |     |     |                                                                           |     |     |     |
| <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.KEM/N-bEXX-038/22                                                                                                                                                        |     |      | <b>Course title:</b><br>Conservation Biology and Public Policy |     |     |      |
| <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: 22                                                                                                                           |     |      |                                                                |     |     |      |
| A                                                                                                                                                                                                  | ABS | B    | C                                                              | D   | E   | FX   |
| 77,27                                                                                                                                                                                              | 0,0 | 4,55 | 13,64                                                          | 0,0 | 0,0 | 4,55 |
| <b>Lecturers:</b> Mgr. Marta Nevřelová, PhD., Mgr. Blanka Lehotská, 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.KBo/N-bUBI-060/22                                                                                                                                                        |      | <b>Course title:</b><br>Crop Plants for Future Teachers |     |     |     |
| <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., 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: 40                                                                                                                           |      |                                                         |     |     |     |
| A                                                                                                                                                                                                  | B    | C                                                       | D   | E   | FX  |
| 82,5                                                                                                                                                                                               | 12,5 | 5,0                                                     | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Ing. Mgr. Eva Zahradníková, PhD., RNDr. Jozef Dušička, PhD., doc. Mgr. Soňa Jančovičová, PhD.                                                                                    |      |                                                         |     |     |     |
| <b>Last change:</b> 19.12.2022                                                                                                                                                                     |      |                                                         |     |     |     |
| <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.KDPP/N-bUBI-001/22                                                                                                                                                                          |       | <b>Course title:</b><br>Didactics of 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> 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: 88                                                                                                                                              |       |                                              |      |      |     |
| A                                                                                                                                                                                                                     | B     | C                                            | D    | E    | FX  |
| 34,09                                                                                                                                                                                                                 | 26,14 | 19,32                                        | 12,5 | 7,95 | 0,0 |
| <b>Lecturers:</b> RNDr. Soňa Nagyová, PhD.                                                                                                                                                                            |       |                                              |      |      |     |
| <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.KDPP/N-bXDI-022/22                                                                                                                                                                          |     |       | <b>Course title:</b><br>Digital Technologies in Education |      |      |      |
| <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> 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: 112                                                                                                                                             |     |       |                                                           |      |      |      |
| A                                                                                                                                                                                                                     | ABS | B     | C                                                         | D    | E    | FX   |
| 46,43                                                                                                                                                                                                                 | 0,0 | 20,54 | 16,07                                                     | 6,25 | 5,36 | 5,36 |
| <b>Lecturers:</b> doc. RNDr. Štefan Karolčík, PhD., RNDr. Henrieta Mázorová, PhD., Mgr. Lenka Šikulíncová, PhD.                                                                                                       |     |       |                                                           |      |      |      |
| <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.KEk/N-bUBI-048/22                                                                                                                                                        |       | <b>Course title:</b><br>Ecological Principles of Nature Conservation for Teachers |     |     |     |
| <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> 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: 1                                                                                                                            |       |                                                                                   |     |     |     |
| A                                                                                                                                                                                                  | B     | C                                                                                 | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 100,0 | 0,0                                                                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Tomáš Derka, PhD., Mgr. Soňa Nuhličková, PhD.                                                                                                                         |       |                                                                                   |     |     |     |
| <b>Last change:</b> 21.12.2022                                                                                                                                                                     |       |                                                                                   |     |     |     |
| <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.KEk/N-bBEK-020/22                                                                                                                                                                           |     | <b>Course title:</b><br>Ecology and 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> 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: 5                                                                                                                                               |     |                                                 |      |      |     |
| A                                                                                                                                                                                                                     | B   | C                                               | D    | E    | FX  |
| 0,0                                                                                                                                                                                                                   | 0,0 | 0,0                                             | 40,0 | 60,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Pavel Beracko, PhD.                                                                                                                                                                           |     |                                                 |      |      |     |
| <b>Last change:</b> 21.12.2022                                                                                                                                                                                        |     |                                                 |      |      |     |
| <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.KEk/N-bBXX-047/22                                                                                                                                                        |     | <b>Course title:</b><br>Ecosystems of Earth |     |     |     |
| <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: 2                                                                                                                            |     |                                             |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                           | D   | E   | FX  |
| 50,0                                                                                                                                                                                               | 0,0 | 50,0                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Tomáš Derka, PhD.                                                                                                                                                     |     |                                             |     |     |     |
| <b>Last change:</b> 21.12.2022                                                                                                                                                                     |     |                                             |     |     |     |
| <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.KEk/N-bUBI-050/22                                                                                                                                                        |     | <b>Course title:</b><br>Evolution of Ecosystems for Teachers |     |     |     |
| <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> 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: 0                                                                                                                            |     |                                                              |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                            | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Andrej Čerňanský, PhD., prof. RNDr. Jozef Klembara, DrSc.                                                                                                                   |     |                                                              |     |     |     |
| <b>Last change:</b> 21.12.2022                                                                                                                                                                     |     |                                                              |     |     |     |
| <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.KGe/N-bUBI-013/22                                                                                                                                                        |     | <b>Course title:</b><br>Evolutionary Biology for Teachers |     |     |       |
| <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: 1                                                                                                                            |     |                                                           |     |     |       |
| A                                                                                                                                                                                                  | B   | C                                                         | D   | E   | FX    |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                                       | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b> RNDr. Regina Sepšiová, PhD., prof. RNDr. Ľubomír Tomáška, DrSc., doc. Mgr. Peter Mikulíček, PhD., doc. Mgr. Peter Vďačný, PhD., doc. RNDr. Ján Radvánszky, 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.KMB/N-bUBI-015/22                                                                                                                                                        |     | <b>Course title:</b><br>Evolutionary Developmental 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> 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. Ján Radvánszky, PhD.                                                                                                                                                  |     |                                                            |     |     |     |
| <b>Last change:</b> 24.07.2022                                                                                                                                                                     |     |                                                            |     |     |     |
| <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.KEk/N-bBEK-009/22                                                                                                                                                        |     | <b>Course title:</b><br>Excursion - Habitats of Europe |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> excursion<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 4t<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: 1                                                                                                                            |     |                                                        |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                      | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                    | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Tomáš Derka, PhD.                                                                                                                                                     |     |                                                        |     |     |     |
| <b>Last change:</b> 24.08.2022                                                                                                                                                                     |     |                                                        |     |     |     |
| <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.KZ/N-bBXX-027/22                                                                                                                                                         |      | <b>Course title:</b><br>Fenology |     |     |      |
| <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.                                                                                                                                                                |      |                                  |     |     |      |
| <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: 21                                                                                                                           |      |                                  |     |     |      |
| A                                                                                                                                                                                                  | B    | C                                | D   | E   | FX   |
| 90,48                                                                                                                                                                                              | 4,76 | 0,0                              | 0,0 | 0,0 | 4,76 |
| <b>Lecturers:</b> doc. RNDr. Zlatica Országhová, CSc., RNDr. Veronika Hrabovcová Sládkovičová, PhD.                                                                                                |      |                                  |     |     |      |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                     |      |                                  |     |     |      |
| <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.KBo/N-bUBI-052/22                                                                                                                                                        |     | <b>Course title:</b><br>Field Excursion from Botany |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> fieldwork<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.                                                                                                                                                                    |     |                                                     |     |     |      |
| <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: 126                                                                                                                          |     |                                                     |     |     |      |
| A                                                                                                                                                                                                  | B   | C                                                   | D   | E   | FX   |
| 95,24                                                                                                                                                                                              | 0,0 | 0,0                                                 | 0,0 | 0,0 | 4,76 |
| <b>Lecturers:</b> RNDr. Silvia Kubalová, PhD., RNDr. Jozef Dušička, PhD.                                                                                                                           |     |                                                     |     |     |      |
| <b>Last change:</b> 19.12.2022                                                                                                                                                                     |     |                                                     |     |     |      |
| <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.KZ/N-bUBI-105/22                                                                                                                                                         |       | <b>Course title:</b><br>Field works from zoology |     |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> fieldwork<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: 54                                                                                                                           |       |                                                  |     |       |      |
| A                                                                                                                                                                                                  | B     | C                                                | D   | E     | FX   |
| 51,85                                                                                                                                                                                              | 14,81 | 9,26                                             | 3,7 | 11,11 | 9,26 |
| <b>Lecturers:</b> doc. Mgr. Peter Mikulíček, PhD., RNDr. Peter Degma, CSc., doc. RNDr. Zlatica Országhová, CSc., Mgr. Daniel Gruľa, PhD., doc. RNDr. Ján Kodada, CSc.                              |       |                                                  |     |       |      |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                     |       |                                                  |     |       |      |
| <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.KFR/N-bUBI-004/22                                                                                                                                                                              |     | <b>Course title:</b><br>Forensic Plant and Animal Biology for Biology Teachers |     |     |      |
| <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> 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   |
| 0,0                                                                                                                                                                                                                      | 0,0 | 50,0                                                                           | 0,0 | 0,0 | 50,0 |
| <b>Lecturers:</b> doc. RNDr. Marek Vaculík, PhD., prof. RNDr. Alexander Lux, CSc., doc. Mgr. Peter Fend'a, PhD., prof. RNDr. Milada Holecová, CSc., doc. RNDr. Martin Mrva, 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.KDPP/N-bUXX-037/22                                                                                                                                                                          |     |       | <b>Course title:</b><br>General Didactics |       |       |      |
| <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>                                                                                                                                                                                                 |     |       |                                           |       |       |      |
| <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: 79                                                                                                                                              |     |       |                                           |       |       |      |
| A                                                                                                                                                                                                                     | ABS | B     | C                                         | D     | E     | FX   |
| 24,05                                                                                                                                                                                                                 | 0,0 | 22,78 | 26,58                                     | 10,13 | 11,39 | 5,06 |
| <b>Lecturers:</b> doc. RNDr. PaedDr. Zuzana Haláková, PhD.                                                                                                                                                            |     |       |                                           |       |       |      |
| <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.KMPLG/N-<br>bGMP-051/22                                                                                                                                                                     |     | <b>Course title:</b><br>Green Deal and Mineral Resources around us |     |     |     |
| <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: 0                                                                                                                                               |     |                                                                    |     |     |     |
| A                                                                                                                                                                                                                     | B   | C                                                                  | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                   | 0,0 | 0,0                                                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. Mgr. Peter Koděra, PhD., prof. RNDr. Oľília Lintnerová, CSc., doc. Mgr. Peter Šottník, PhD., doc. Mgr. Peter Uhlík, PhD., doc. RNDr. Ľubomír Jurkovič, PhD.                                   |     |                                                                    |     |     |     |
| <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.KZ/N-bUBI-109/22                                                                                                                                                         |     | <b>Course title:</b><br>History of Biological Theories |     |     |     |
| <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> 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: 0                                                                                                                            |     |                                                        |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                      | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                                    | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Zlatica Országhová, CSc., Mgr. Peter Miklós, PhD.                                                                                                                     |     |                                                        |     |     |     |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                     |     |                                                        |     |     |     |
| <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.KEk/N-bUBI-046/22                                                                                                                                                              |     | <b>Course title:</b><br>Hydrobiology 1 for Teachers |     |     |     |
| <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> 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> RNDr. Pavel Beracko, PhD., RNDr. Zuzana Čiamporová Zaťovičová, PhD., doc.<br>RNDr. Tomáš Derka, PhD., Mgr. Soňa Nuhličková, PhD., Ing. Jiří Kříšťan, PhD., RNDr. Silvia Kubalová, PhD. |     |                                                     |     |     |     |
| <b>Last change:</b> 24.08.2022                                                                                                                                                                           |     |                                                     |     |     |     |
| <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.KEk/N-bBEK-051/22                                                                                                                                                                              |       | <b>Course title:</b><br>Hydrobiology 2 |       |       |      |
| <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> 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   |
| 0,0                                                                                                                                                                                                                      | 11,43 | 17,14                                  | 14,29 | 54,29 | 2,86 |
| <b>Lecturers:</b> RNDr. Pavel Beracko, PhD., RNDr. Zuzana Čiamporová Zaťovičová, PhD., doc.<br>RNDr. Tomáš Derka, PhD., doc. Mgr. Tomáš Lánczos, PhD.                                                                    |       |                                        |       |       |      |
| <b>Last change:</b> 24.08.2022                                                                                                                                                                                           |       |                                        |       |       |      |
| <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.KDPP/N-bXDI-004/22                                                                                                                                                       |     |     | <b>Course title:</b><br>Introduction to Philosophy (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> 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                                                                                                                                                                                                  | ABS | B   | C                                                      | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0 | 0,0                                                    | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Štefan Zolcer, PhD.                                                                                                                                                         |     |     |                                                        |     |     |     |
| <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.KDPP/N-bXDI-005/22                                                                                                                                                       |     |     | <b>Course title:</b><br>Introduction to Philosophy (2) |     |     |      |
| <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> 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: 5                                                                                                                            |     |     |                                                        |     |     |      |
| A                                                                                                                                                                                                  | ABS | B   | C                                                      | D   | E   | FX   |
| 80,0                                                                                                                                                                                               | 0,0 | 0,0 | 0,0                                                    | 0,0 | 0,0 | 20,0 |
| <b>Lecturers:</b> Mgr. Štefan Zolcer, PhD.                                                                                                                                                         |     |     |                                                        |     |     |      |
| <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.KOrCh/N-bUBI-001/22                                                                                                                                                         |     | <b>Course title:</b><br>Lab Practical in Organic Chemistry for Biology Teachers |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<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> 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: 1                                                                                                                               |     |                                                                                 |     |     |       |
| A                                                                                                                                                                                                     | B   | C                                                                               | D   | E   | FX    |
| 0,0                                                                                                                                                                                                   | 0,0 | 0,0                                                                             | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b> RNDr. Viera Poláčková, PhD., Mgr. Iveta Kmentová, PhD.                                                                                                                              |     |                                                                                 |     |     |       |
| <b>Last change:</b> 09.05.2023                                                                                                                                                                        |     |                                                                                 |     |     |       |
| <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.KEM/N-bEXX-127/22                                                                                                                                                        |     |     | <b>Course title:</b><br>Land Conservation and Use |     |     |       |
| <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: 1                                                                                                                            |     |     |                                                   |     |     |       |
| A                                                                                                                                                                                                  | ABS | B   | C                                                 | D   | E   | FX    |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0 | 0,0                                               | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b> doc. RNDr. Katarína Pavličková, CSc., Mgr. Marta Nevřelová, PhD., RNDr. Jana Ružičková, PhD., Mgr. Blanka Lehotská, 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.KGP/N-bGXX-067/22                                                                                                                                                        |     | <b>Course title:</b><br>Marine palaeobiology |     |     |     |
| <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.                                                                                                                                                                |     |                                              |     |     |     |
| <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: 25                                                                                                                           |     |                                              |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                            | D   | E   | FX  |
| 96,0                                                                                                                                                                                               | 0,0 | 0,0                                          | 4,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. Mgr. Natália Hlavatá Hudáčková, PhD.                                                                                                                                       |     |                                              |     |     |     |
| <b>Last change:</b> 06.09.2022                                                                                                                                                                     |     |                                              |     |     |     |
| <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.KEk/N-bUBI-044/22                                                                                                                                                        |     | <b>Course title:</b><br>Medical Entomology |     |     |     |
| <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: 2                                                                                                                            |     |                                            |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                          | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Veronika Michalková, PhD.                                                                                                                                                   |     |                                            |     |     |     |
| <b>Last change:</b> 24.08.2022                                                                                                                                                                     |     |                                            |     |     |     |
| <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.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. Yveta Gbelská, CSc., doc. RNDr. Katarína Šoltys, PhD., doc. RNDr. Miroslava Šupolíková, PhD., RNDr. Kamila Koči, PhD., PhDr. Eva Nováková, doc. RNDr. Nora Tóth Hervay, PhD. |       |                                                   |       |       |      |
| <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.KZ/N-bBXX-004/22                                                                                                                                                            |       | <b>Course title:</b><br>Microscopic Techniques |       |       |      |
| <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: 232                                                                                                                             |       |                                                |       |       |      |
| A                                                                                                                                                                                                     | B     | C                                              | D     | E     | FX   |
| 32,76                                                                                                                                                                                                 | 20,69 | 11,64                                          | 15,09 | 11,21 | 8,62 |
| <b>Lecturers:</b> Mgr. Matúš Kúdela, PhD., Mgr. Katarína Goffová, PhD.                                                                                                                                |       |                                                |       |       |      |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                        |       |                                                |       |       |      |
| <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.KMB/N-bBXX-056/22                                                                                                                                                        |       | <b>Course title:</b><br>Molecular 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> 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: 91                                                                                                                           |       |                                           |       |       |     |
| A                                                                                                                                                                                                  | B     | C                                         | D     | E     | FX  |
| 26,37                                                                                                                                                                                              | 24,18 | 19,78                                     | 16,48 | 13,19 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Jozef Grones, 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.KZ/N-bUBI-103/22                                                                                                                                                         |     | <b>Course title:</b><br>Ornithology |     |     |     |
| <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., 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> doc. RNDr. Zlatica Országhová, CSc., Mgr. Lucia Rubáčová, PhD.                                                                                                                   |     |                                     |     |     |     |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                     |     |                                     |     |     |     |
| <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.KDPP/N-bXDI-014/22                                                                                                                                                                          |     |      | <b>Course title:</b><br>Pedagogical Communication |      |      |      |
| <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: 110                                                                                                                                             |     |      |                                                   |      |      |      |
| A                                                                                                                                                                                                                     | ABS | B    | C                                                 | D    | E    | FX   |
| 64,55                                                                                                                                                                                                                 | 0,0 | 20,0 | 6,36                                              | 4,55 | 2,73 | 1,82 |
| <b>Lecturers:</b> doc. RNDr. PaedDr. Zuzana Haláková, 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.KFR/N-bBFR-033/22                                                                                                                                                                              |     | <b>Course title:</b><br>Plant Cultivation and Protection |     |     |     |
| <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> 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: 16                                                                                                                                                 |     |                                                          |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                                        | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                    | 0,0 | 0,0                                                      | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Ľudmila Slováková, CSc., doc. Mgr. Renáta Švubová, PhD., RNDr. Jana Kohanová, 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.KFR/N-bUBI-002/22                                                                                                                                                                                             |      | <b>Course title:</b><br>Plant Cytology and Anatomy |       |       |       |
| <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: 138                                                                                                                                                               |      |                                                    |       |       |       |
| A                                                                                                                                                                                                                                       | B    | C                                                  | D     | E     | FX    |
| 10,14                                                                                                                                                                                                                                   | 9,42 | 23,91                                              | 21,74 | 23,19 | 11,59 |
| <b>Lecturers:</b> prof. RNDr. Alexander Lux, CSc., Mgr. Monika Bathóová, PhD., doc. Mgr. Michal Martinka, PhD., doc. RNDr. Marek Vaculík, PhD., doc. Mgr. Renáta Švubová, PhD., Mgr. Dominik Kostoláni, PhD., RNDr. Jana Kohanová, 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.KBo/N-bUBI-053/22                                                                                                                                                                              |       | <b>Course title:</b><br>Plant Morphology |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<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> 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: 141                                                                                                                                                |       |                                          |      |      |      |
| A                                                                                                                                                                                                                        | B     | C                                        | D    | E    | FX   |
| 62,41                                                                                                                                                                                                                    | 18,44 | 7,8                                      | 4,26 | 2,13 | 4,96 |
| <b>Lecturers:</b> Mgr. Ján Miškovic, PhD., RNDr. Michal Hrabovský, PhD., doc. RNDr. Jana Ščevková, PhD.                                                                                                                  |       |                                          |      |      |      |
| <b>Last change:</b> 19.12.2022                                                                                                                                                                                           |       |                                          |      |      |      |
| <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.KEk/N-bUBI-047/22                                                                                                                                                           |     | <b>Course title:</b><br>Practice from Hydrobiology 1 for Teachers |     |     |     |
| <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> 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> RNDr. Pavel Beracko, PhD., RNDr. Zuzana Čiamporová Zaťovičová, PhD., doc.<br>RNDr. Tomáš Derka, PhD., Mgr. Soňa Nuhličková, PhD.                                                    |     |                                                                   |     |     |     |
| <b>Last change:</b> 21.12.2022                                                                                                                                                                        |     |                                                                   |     |     |     |
| <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.KDPP/N-bUXX-038/22                                                                                                                                                                          |     |      | <b>Course title:</b><br>Psychology for Teachers (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 / 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: 141                                                                                                                                             |     |      |                                                     |       |      |      |
| A                                                                                                                                                                                                                     | ABS | B    | C                                                   | D     | E    | FX   |
| 25,53                                                                                                                                                                                                                 | 0,0 | 23,4 | 13,48                                               | 16,31 | 15,6 | 5,67 |
| <b>Lecturers:</b> RNDr. Jana Ciceková, PhD., PhDr. ThLic. Peter Ikhardt, PhD.                                                                                                                                         |     |      |                                                     |       |      |      |
| <b>Last change:</b> 16.09.2022                                                                                                                                                                                        |     |      |                                                     |       |      |      |
| <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.KDPP/N-bUXX-039/22                                                                                                                                                                          |     |       | <b>Course title:</b><br>Psychology for Teachers (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 / 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> 2.                                                                                                                                                                                       |     |       |                                                     |      |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                          |     |       |                                                     |      |       |      |
| <b>Prerequisites:</b> PriF.KDPP/N-bUXX-038/22 - Psychology for Teachers (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: 62                                                                                                                                              |     |       |                                                     |      |       |      |
| A                                                                                                                                                                                                                     | ABS | B     | C                                                   | D    | E     | FX   |
| 9,68                                                                                                                                                                                                                  | 0,0 | 16,13 | 33,87                                               | 12,9 | 17,74 | 9,68 |
| <b>Lecturers:</b> RNDr. Jana Ciceková, PhD., PhDr. ThLic. Peter Ikhardt, PhD.                                                                                                                                         |     |       |                                                     |      |       |      |
| <b>Last change:</b> 16.09.2022                                                                                                                                                                                        |     |       |                                                     |      |       |      |
| <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.KDPP/N-bXDI-006/22                                                                                                                                                       |     |       | <b>Course title:</b><br>Rhetoric |       |      |      |
| <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., 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: 45                                                                                                                           |     |       |                                  |       |      |      |
| A                                                                                                                                                                                                  | ABS | B     | C                                | D     | E    | FX   |
| 35,56                                                                                                                                                                                              | 0,0 | 26,67 | 20,0                             | 11,11 | 2,22 | 4,44 |
| <b>Lecturers:</b> Mgr. Štefan Zolcer, PhD.                                                                                                                                                         |     |       |                                  |       |      |      |
| <b>Last change:</b> 23.09.2022                                                                                                                                                                     |     |       |                                  |       |      |      |
| <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.KDPP/N-bUXX-042/22                                                                                                                                                                          |     |     | <b>Course title:</b><br>STEM Strategy in the Pre-service Teacher's Training |     |     |     |
| <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> 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                                                                                                                                                                                                                     | ABS | B   | C                                                                           | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                 | 0,0 | 0,0 | 0,0                                                                         | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Radoslav Halko, PhD.                                                                                                                                                                     |     |     |                                                                             |     |     |     |
| <b>Last change:</b> 07.09.2022                                                                                                                                                                                        |     |     |                                                                             |     |     |     |
| <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.KDPP/N-bUXX-026/22                                                                                                                                                                          |     |       | <b>Course title:</b><br>School Management |      |      |     |
| <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> 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: 108                                                                                                                                             |     |       |                                           |      |      |     |
| A                                                                                                                                                                                                                     | ABS | B     | C                                         | D    | E    | FX  |
| 74,07                                                                                                                                                                                                                 | 0,0 | 16,67 | 6,48                                      | 1,85 | 0,93 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. PaedDr. Zuzana Haláková, 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.KBo/N-bUBI-058/22                                                                                                                                                        |       | <b>Course title:</b><br>Seminar in Botany 1 for Teachers |     |     |      |
| <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: 31                                                                                                                           |       |                                                          |     |     |      |
| A                                                                                                                                                                                                  | B     | C                                                        | D   | E   | FX   |
| 41,94                                                                                                                                                                                              | 35,48 | 9,68                                                     | 0,0 | 0,0 | 12,9 |
| <b>Lecturers:</b> doc. Mgr. Katarína Mišíková, PhD., Mgr. Zuzana Pelechová Drongová, PhD., doc. Mgr. Soňa Jančovičová, PhD.                                                                        |       |                                                          |     |     |      |
| <b>Last change:</b> 19.12.2022                                                                                                                                                                     |       |                                                          |     |     |      |
| <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.KBo/N-bUBI-059/22                                                                                                                                                        |       | <b>Course title:</b><br>Seminar in Botany 2 for Teachers |     |     |      |
| <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: 41                                                                                                                           |       |                                                          |     |     |      |
| A                                                                                                                                                                                                  | B     | C                                                        | D   | E   | FX   |
| 58,54                                                                                                                                                                                              | 29,27 | 9,76                                                     | 0,0 | 0,0 | 2,44 |
| <b>Lecturers:</b> Ing. Mgr. Eva Zahradníková, PhD., Mgr. Ján Miškovic, PhD.                                                                                                                        |       |                                                          |     |     |      |
| <b>Last change:</b> 19.12.2022                                                                                                                                                                     |       |                                                          |     |     |      |
| <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.KTV/N-bUXX-206/22                                                                                                                                                                                         |     |     | <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> 1                                                                                                                                                                                                         |     |     |                                                            |     |     |      |
| <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: 28                                                                                                                                                            |     |     |                                                            |     |     |      |
| A                                                                                                                                                                                                                                   | ABS | B   | C                                                          | D   | E   | FX   |
| 75,0                                                                                                                                                                                                                                | 0,0 | 0,0 | 0,0                                                        | 0,0 | 0,0 | 25,0 |
| <b>Lecturers:</b> PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., PaedDr. Vladimír Pajkoš, 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.KDPP/N-bUXX-023/22                                                                                                                                                                                                                                                                                                          |     |      | <b>Course title:</b><br>Teaching Practice 1 (A) |     |      |      |
| <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> 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: 110                                                                                                                                                                                                                                                                             |     |      |                                                 |     |      |      |
| A                                                                                                                                                                                                                                                                                                                                                     | ABS | B    | C                                               | D   | E    | FX   |
| 67,27                                                                                                                                                                                                                                                                                                                                                 | 0,0 | 20,0 | 8,18                                            | 0,0 | 1,82 | 2,73 |
| <b>Lecturers:</b> doc. RNDr. Štefan Karolčík, PhD., prof. RNDr. Miroslav Prokša, CSc., doc. RNDr. PaedDr. Zuzana Haláková, PhD., PaedDr. Anna Drozdíková, PhD., doc. PaedDr. Elena Čipková, PhD., PhDr. Michael Fuchs, RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., doc. RNDr. Katarína Pavličková, CSc., RNDr. Hubert Žarnovičan, PhD. |     |      |                                                 |     |      |      |
| <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.KDPP/N-bUXX-024/22                                                                                                                                                                                                                                                                                                                                                                 |     |       | <b>Course title:</b><br>Teaching Practice 1 (B) |      |      |      |
| <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> 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: 132                                                                                                                                                                                                                                                                                                                                    |     |       |                                                 |      |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                            | ABS | B     | C                                               | D    | E    | FX   |
| 56,82                                                                                                                                                                                                                                                                                                                                                                                                        | 0,0 | 21,97 | 11,36                                           | 1,52 | 3,79 | 4,55 |
| <b>Lecturers:</b> doc. RNDr. Štefan Karolčík, PhD., prof. RNDr. Miroslav Prokša, CSc., doc. RNDr. PaedDr. Zuzana Haláková, PhD., PaedDr. Anna Drozdíková, PhD., doc. PaedDr. Elena Čipková, PhD., PhDr. Michael Fuchs, RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., doc. RNDr. Katarína Pavličková, CSc., RNDr. Hubert Žarnovičan, PhD., M. A. Linda Steyne, PhD., Mgr. Monika Šajánková, PhD. |     |       |                                                 |      |      |      |
| <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.KDPP/N-bXDI-012/22                                                                                                                                                                          |     |       | <b>Course title:</b><br>Theoretical Foundations of Education |      |     |      |
| <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: 115                                                                                                                                             |     |       |                                                              |      |     |      |
| A                                                                                                                                                                                                                     | ABS | B     | C                                                            | D    | E   | FX   |
| 18,26                                                                                                                                                                                                                 | 0,0 | 25,22 | 26,96                                                        | 20,0 | 8,7 | 0,87 |
| <b>Lecturers:</b> PhDr. ThLic. Peter Ikhardt, PhD.                                                                                                                                                                    |     |       |                                                              |      |     |      |
| <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.KEk/N-bUBI-049/22                                                                                                                                                        |     | <b>Course title:</b><br>Trends in Evolution for Teachers |     |     |     |
| <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> 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: 1                                                                                                                            |     |                                                          |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                        | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 100,0                                                    | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Jozef Klembara, DrSc.                                                                                                                                                |     |                                                          |     |     |     |
| <b>Last change:</b> 21.12.2022                                                                                                                                                                     |     |                                                          |     |     |     |
| <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-bUXX-201/22                                                                                                                                                               |     |     | <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> 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: 41                                                                                                                                  |     |     |                                                            |     |     |       |
| A                                                                                                                                                                                                         | ABS | B   | C                                                          | D   | E   | FX    |
| 75,61                                                                                                                                                                                                     | 0,0 | 0,0 | 0,0                                                        | 0,0 | 0,0 | 24,39 |
| <b>Lecturers:</b> Mgr. Martin Mokošák, PhD.                                                                                                                                                               |     |     |                                                            |     |     |       |
| <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.KZ/N-bUBI-100/22                                                                                                                                                                               |       | <b>Course title:</b><br>Zoology 1 |      |      |     |
| <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: 94                                                                                                                                                 |       |                                   |      |      |     |
| A                                                                                                                                                                                                                        | B     | C                                 | D    | E    | FX  |
| 31,91                                                                                                                                                                                                                    | 39,36 | 19,15                             | 8,51 | 1,06 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Martin Mrva, PhD., doc. RNDr. Ján Kodada, CSc., Mgr. Jana Christophoryová, PhD., Mgr. Katarína Krajčovičová, PhD.                                                                           |       |                                   |      |      |     |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                                           |       |                                   |      |      |     |
| <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.KZ/N-bUBI-106/22                                                                                                                                                                               |       | <b>Course title:</b><br>Zoology 2 |      |      |      |
| <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> 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: 60                                                                                                                                                 |       |                                   |      |      |      |
| A                                                                                                                                                                                                                        | B     | C                                 | D    | E    | FX   |
| 43,33                                                                                                                                                                                                                    | 36,67 | 13,33                             | 3,33 | 1,67 | 1,67 |
| <b>Lecturers:</b> doc. Mgr. Peter Mikulíček, PhD., doc. RNDr. Zlatica Országhová, CSc., RNDr. Veronika Hrabovcová Sládkovičová, PhD.                                                                                     |       |                                   |      |      |      |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                                           |       |                                   |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                      |       |                                   |      |      |      |