

## Course descriptions

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## COURSE DESCRIPTION

|                                                                                                                                                                                |      |                                                    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |      |                                                    |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |      |                                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |      |                                                    |     |     |     |
| <b>Course ID:</b><br>PriF.KAn/RŠUB-013/16                                                                                                                                      |      | <b>Course title:</b><br>Antropológia pre pedagógov |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |      |                                                    |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                    |      |                                                    |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                   |      |                                                    |     |     |     |
| <b>Educational level:</b> N                                                                                                                                                    |      |                                                    |     |     |     |
| <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  |
| 98,33                                                                                                                                                                          | 1,67 | 0,0                                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Michaela Dörnhöferová, PhD., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                                        |      |                                                    |     |     |     |
| <b>Last change:</b> 20.01.2020                                                                                                                                                 |      |                                                    |     |     |     |
| <b>Approved by:</b>                                                                                                                                                            |      |                                                    |     |     |     |

## STATE EXAM DESCRIPTION

|                                                   |                                                       |
|---------------------------------------------------|-------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                   |                                                       |
| <b>University:</b> Comenius University Bratislava |                                                       |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                       |
| <b>Course ID:</b><br>PriF.KDPP/RŠUB-101/16        | <b>Course title:</b><br>Biológia a didaktika biológie |
| <b>Number of credits:</b> 0                       |                                                       |
| <b>Educational level:</b> N                       |                                                       |
| <b>State exam syllabus:</b>                       |                                                       |
| <b>Last change:</b>                               |                                                       |
| <b>Approved by:</b>                               |                                                       |

## COURSE DESCRIPTION

|                                                                                                                                                                                   |      |                                          |      |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------|------|-----|-----|
| <b>Academic year:</b> 2021/2022                                                                                                                                                   |      |                                          |      |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                 |      |                                          |      |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                       |      |                                          |      |     |     |
| <b>Course ID:</b><br>PriF.KAn/RŠUB-014/16                                                                                                                                         |      | <b>Course title:</b><br>Biológia človeka |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:    per level/semester:</b><br><b>Form of the course:</b> on-site learning |      |                                          |      |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                       |      |                                          |      |     |     |
| <b>Recommended semester:</b>                                                                                                                                                      |      |                                          |      |     |     |
| <b>Educational level:</b> N                                                                                                                                                       |      |                                          |      |     |     |
| <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  |
| 85,0                                                                                                                                                                              | 6,67 | 6,67                                     | 1,67 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Michaela Dörnhöferová, PhD., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                                           |      |                                          |      |     |     |
| <b>Last change:</b> 20.01.2020                                                                                                                                                    |      |                                          |      |     |     |
| <b>Approved by:</b>                                                                                                                                                               |      |                                          |      |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                   |      |                                    |      |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------|------|-----|-----|
| <b>Academic year:</b> 2021/2022                                                                                                                                                   |      |                                    |      |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                 |      |                                    |      |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                       |      |                                    |      |     |     |
| <b>Course ID:</b><br>PriF.KBo/RŠUB-001/16                                                                                                                                         |      | <b>Course title:</b><br>Botanika 1 |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:    per level/semester:</b><br><b>Form of the course:</b> on-site learning |      |                                    |      |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                       |      |                                    |      |     |     |
| <b>Recommended semester:</b>                                                                                                                                                      |      |                                    |      |     |     |
| <b>Educational level:</b> N                                                                                                                                                       |      |                                    |      |     |     |
| <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: 89                                                                                                          |      |                                    |      |     |     |
| A                                                                                                                                                                                 | B    | C                                  | D    | E   | FX  |
| 76,4                                                                                                                                                                              | 19,1 | 3,37                               | 1,12 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Jozef Dušička, PhD., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                                                   |      |                                    |      |     |     |
| <b>Last change:</b>                                                                                                                                                               |      |                                    |      |     |     |
| <b>Approved by:</b>                                                                                                                                                               |      |                                    |      |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2021/2022                                                                                                                                                  |       |                                    |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                |       |                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                      |       |                                    |     |     |     |
| <b>Course ID:</b><br>PriF.KBo/RŠUB-002/16                                                                                                                                        |       | <b>Course title:</b><br>Botanika 2 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:   per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                    |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                      |       |                                    |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                     |       |                                    |     |     |     |
| <b>Educational level:</b> N                                                                                                                                                      |       |                                    |     |     |     |
| <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: 89                                                                                                         |       |                                    |     |     |     |
| A                                                                                                                                                                                | B     | C                                  | D   | E   | FX  |
| 75,28                                                                                                                                                                            | 22,47 | 2,25                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Ing. Mgr. Eva Zahradníková, PhD., Mgr. Michal Hrabovský, PhD., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                              |       |                                    |     |     |     |
| <b>Last change:</b>                                                                                                                                                              |       |                                    |     |     |     |
| <b>Approved by:</b>                                                                                                                                                              |       |                                    |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                |       |                                                      |      |      |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------|------|------|-----|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |       |                                                      |      |      |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |       |                                                      |      |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |       |                                                      |      |      |     |
| <b>Course ID:</b><br>PriF.KFR/RŠUB-003/16                                                                                                                                      |       | <b>Course title:</b><br>Cytológia a anatómia rastlín |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                                      |      |      |     |
| <b>Number of credits:</b> 4                                                                                                                                                    |       |                                                      |      |      |     |
| <b>Recommended semester:</b>                                                                                                                                                   |       |                                                      |      |      |     |
| <b>Educational level:</b> N                                                                                                                                                    |       |                                                      |      |      |     |
| <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: 89                                                                                                       |       |                                                      |      |      |     |
| A                                                                                                                                                                              | B     | C                                                    | D    | E    | FX  |
| 32,58                                                                                                                                                                          | 37,08 | 20,22                                                | 7,87 | 2,25 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Alžbeta Blehová, CSc., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                                         |       |                                                      |      |      |     |
| <b>Last change:</b>                                                                                                                                                            |       |                                                      |      |      |     |
| <b>Approved by:</b>                                                                                                                                                            |       |                                                      |      |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                |      |                                            |      |      |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------|------|------|------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |      |                                            |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |      |                                            |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |      |                                            |      |      |      |
| <b>Course ID:</b><br>PriF.KDPP/RŠUB-017/16                                                                                                                                     |      | <b>Course title:</b><br>Didaktika biológie |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |      |                                            |      |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                    |      |                                            |      |      |      |
| <b>Recommended semester:</b>                                                                                                                                                   |      |                                            |      |      |      |
| <b>Educational level:</b> N                                                                                                                                                    |      |                                            |      |      |      |
| <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: 89                                                                                                       |      |                                            |      |      |      |
| A                                                                                                                                                                              | B    | C                                          | D    | E    | FX   |
| 40,45                                                                                                                                                                          | 38,2 | 12,36                                      | 4,49 | 3,37 | 1,12 |
| <b>Lecturers:</b> doc. RNDr. Katarína Ušáková, PhD., RNDr. Soňa Nagyová, PhD., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                              |      |                                            |      |      |      |
| <b>Last change:</b>                                                                                                                                                            |      |                                            |      |      |      |
| <b>Approved by:</b>                                                                                                                                                            |      |                                            |      |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                   |       |                                              |      |       |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------|------|-------|------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                   |       |                                              |      |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                 |       |                                              |      |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                       |       |                                              |      |       |      |
| <b>Course ID:</b><br>PriF.KDPP/RŠUB-018/16                                                                                                                                        |       | <b>Course title:</b><br>Didaktika biológie 1 |      |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:    per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                              |      |       |      |
| <b>Number of credits:</b> 3                                                                                                                                                       |       |                                              |      |       |      |
| <b>Recommended semester:</b>                                                                                                                                                      |       |                                              |      |       |      |
| <b>Educational level:</b> N                                                                                                                                                       |       |                                              |      |       |      |
| <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: 89                                                                                                          |       |                                              |      |       |      |
| A                                                                                                                                                                                 | B     | C                                            | D    | E     | FX   |
| 39,33                                                                                                                                                                             | 26,97 | 12,36                                        | 7,87 | 11,24 | 2,25 |
| <b>Lecturers:</b> doc. RNDr. Katarína Ušáková, PhD., RNDr. Soňa Nagyová, PhD., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                 |       |                                              |      |       |      |
| <b>Last change:</b>                                                                                                                                                               |       |                                              |      |       |      |
| <b>Approved by:</b>                                                                                                                                                               |       |                                              |      |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                   |       |                                              |      |      |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------|------|------|------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                   |       |                                              |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                 |       |                                              |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                       |       |                                              |      |      |      |
| <b>Course ID:</b><br>PriF.KDPP/RŠUB-019/16                                                                                                                                        |       | <b>Course title:</b><br>Didaktika biológie 2 |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:    per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                              |      |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                       |       |                                              |      |      |      |
| <b>Recommended semester:</b>                                                                                                                                                      |       |                                              |      |      |      |
| <b>Educational level:</b> N                                                                                                                                                       |       |                                              |      |      |      |
| <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: 62                                                                                                          |       |                                              |      |      |      |
| A                                                                                                                                                                                 | B     | C                                            | D    | E    | FX   |
| 19,35                                                                                                                                                                             | 30,65 | 27,42                                        | 9,68 | 9,68 | 3,23 |
| <b>Lecturers:</b> doc. RNDr. Katarína Ušáková, PhD., RNDr. Soňa Nagyová, PhD., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                 |       |                                              |      |      |      |
| <b>Last change:</b>                                                                                                                                                               |       |                                              |      |      |      |
| <b>Approved by:</b>                                                                                                                                                               |       |                                              |      |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                  |       |                                                                  |      |       |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------|------|-------|------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                  |       |                                                                  |      |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                |       |                                                                  |      |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                      |       |                                                                  |      |       |      |
| <b>Course ID:</b><br>PriF.KDPP/RŠUB-020/16                                                                                                                                       |       | <b>Course title:</b><br>Didaktika školských pokusov z biológie 1 |      |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:   per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                                                  |      |       |      |
| <b>Number of credits:</b> 3                                                                                                                                                      |       |                                                                  |      |       |      |
| <b>Recommended semester:</b>                                                                                                                                                     |       |                                                                  |      |       |      |
| <b>Educational level:</b> N                                                                                                                                                      |       |                                                                  |      |       |      |
| <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: 86                                                                                                         |       |                                                                  |      |       |      |
| A                                                                                                                                                                                | B     | C                                                                | D    | E     | FX   |
| 23,26                                                                                                                                                                            | 22,09 | 22,09                                                            | 18,6 | 12,79 | 1,16 |
| <b>Lecturers:</b> doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD., PhDr. Michael Fuchs                                                                        |       |                                                                  |      |       |      |
| <b>Last change:</b>                                                                                                                                                              |       |                                                                  |      |       |      |
| <b>Approved by:</b>                                                                                                                                                              |       |                                                                  |      |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                   |       |                                                                  |       |       |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------|-------|-------|-----|
| <b>Academic year:</b> 2021/2022                                                                                                                                                   |       |                                                                  |       |       |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                 |       |                                                                  |       |       |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                       |       |                                                                  |       |       |     |
| <b>Course ID:</b><br>PriF.KDPP/RŠUB-021/16                                                                                                                                        |       | <b>Course title:</b><br>Didaktika školských pokusov z biológie 2 |       |       |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:    per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                                                  |       |       |     |
| <b>Number of credits:</b> 3                                                                                                                                                       |       |                                                                  |       |       |     |
| <b>Recommended semester:</b>                                                                                                                                                      |       |                                                                  |       |       |     |
| <b>Educational level:</b> N                                                                                                                                                       |       |                                                                  |       |       |     |
| <b>Prerequisites:</b>                                                                                                                                                             |       |                                                                  |       |       |     |
| <b>Course requirements:</b>                                                                                                                                                       |       |                                                                  |       |       |     |
| <b>Learning outcomes:</b>                                                                                                                                                         |       |                                                                  |       |       |     |
| <b>Class syllabus:</b>                                                                                                                                                            |       |                                                                  |       |       |     |
| <b>Recommended literature:</b>                                                                                                                                                    |       |                                                                  |       |       |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                |       |                                                                  |       |       |     |
| <b>Notes:</b>                                                                                                                                                                     |       |                                                                  |       |       |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 61                                                                                                          |       |                                                                  |       |       |     |
| A                                                                                                                                                                                 | B     | C                                                                | D     | E     | FX  |
| 3,28                                                                                                                                                                              | 19,67 | 32,79                                                            | 18,03 | 26,23 | 0,0 |
| <b>Lecturers:</b> doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD., PhDr. Michael Fuchs                                                                         |       |                                                                  |       |       |     |
| <b>Last change:</b>                                                                                                                                                               |       |                                                                  |       |       |     |
| <b>Approved by:</b>                                                                                                                                                               |       |                                                                  |       |       |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                   |       |                                  |     |     |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------|-----|-----|------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                   |       |                                  |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                 |       |                                  |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                       |       |                                  |     |     |      |
| <b>Course ID:</b><br>PriF.KEk/RŠUB-004/16                                                                                                                                         |       | <b>Course title:</b><br>Ekológia |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:    per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                  |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                       |       |                                  |     |     |      |
| <b>Recommended semester:</b>                                                                                                                                                      |       |                                  |     |     |      |
| <b>Educational level:</b> N                                                                                                                                                       |       |                                  |     |     |      |
| <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: 89                                                                                                          |       |                                  |     |     |      |
| A                                                                                                                                                                                 | B     | C                                | D   | E   | FX   |
| 57,3                                                                                                                                                                              | 39,33 | 1,12                             | 0,0 | 0,0 | 2,25 |
| <b>Lecturers:</b> RNDr. Pavel Beracko, PhD., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                                                   |       |                                  |     |     |      |
| <b>Last change:</b>                                                                                                                                                               |       |                                  |     |     |      |
| <b>Approved by:</b>                                                                                                                                                               |       |                                  |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                |       |                                                           |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |       |                                                           |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |       |                                                           |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |       |                                                           |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/RŠUB-005/16                                                                                                                                     |       | <b>Course title:</b><br>Fyziológia živočíchov a človeka 1 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                                           |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                    |       |                                                           |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                   |       |                                                           |     |     |     |
| <b>Educational level:</b> N                                                                                                                                                    |       |                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |       |                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |       |                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |       |                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |       |                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |       |                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |       |                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |       |                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 61                                                                                                       |       |                                                           |     |     |     |
| A                                                                                                                                                                              | B     | C                                                         | D   | E   | FX  |
| 52,46                                                                                                                                                                          | 27,87 | 11,48                                                     | 0,0 | 8,2 | 0,0 |
| <b>Lecturers:</b> Mgr. Peter Štefánik, PhD., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                                                |       |                                                           |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |       |                                                           |     |     |     |
| <b>Approved by:</b>                                                                                                                                                            |       |                                                           |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                |       |                                                           |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |       |                                                           |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |       |                                                           |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |       |                                                           |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/RŠUB-006/16                                                                                                                                     |       | <b>Course title:</b><br>Fyziológia živočíchov a človeka 2 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                                           |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                    |       |                                                           |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                   |       |                                                           |     |     |     |
| <b>Educational level:</b> N                                                                                                                                                    |       |                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |       |                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |       |                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |       |                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |       |                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |       |                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |       |                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |       |                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 61                                                                                                       |       |                                                           |     |     |     |
| A                                                                                                                                                                              | B     | C                                                         | D   | E   | FX  |
| 52,46                                                                                                                                                                          | 27,87 | 11,48                                                     | 0,0 | 8,2 | 0,0 |
| <b>Lecturers:</b> Mgr. Peter Štefánik, PhD., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                                                |       |                                                           |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |       |                                                           |     |     |     |
| <b>Approved by:</b>                                                                                                                                                            |       |                                                           |     |     |     |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                   |       |                                                   |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                 |       |                                                   |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                       |       |                                                   |      |      |      |
| <b>Course ID:</b><br>PriF.KMV/RŠUB-007/16                                                                                                                                         |       | <b>Course title:</b><br>Mikrobiológia a virológia |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:    per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                                   |      |      |      |
| <b>Number of credits:</b> 4                                                                                                                                                       |       |                                                   |      |      |      |
| <b>Recommended semester:</b>                                                                                                                                                      |       |                                                   |      |      |      |
| <b>Educational level:</b> N                                                                                                                                                       |       |                                                   |      |      |      |
| <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: 89                                                                                                          |       |                                                   |      |      |      |
| A                                                                                                                                                                                 | B     | C                                                 | D    | E    | FX   |
| 68,54                                                                                                                                                                             | 15,73 | 8,99                                              | 1,12 | 4,49 | 1,12 |
| <b>Lecturers:</b> prof. RNDr. Helena Bujdáková, CSc., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                                          |       |                                                   |      |      |      |
| <b>Last change:</b>                                                                                                                                                               |       |                                                   |      |      |      |
| <b>Approved by:</b>                                                                                                                                                               |       |                                                   |      |      |      |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------|------|------|-----|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |       |                                             |      |      |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |       |                                             |      |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |       |                                             |      |      |     |
| <b>Course ID:</b><br>PriF.KGe/RŠUB-008/16                                                                                                                                      |       | <b>Course title:</b><br>Molekulová biológia |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                             |      |      |     |
| <b>Number of credits:</b> 3                                                                                                                                                    |       |                                             |      |      |     |
| <b>Recommended semester:</b>                                                                                                                                                   |       |                                             |      |      |     |
| <b>Educational level:</b> N                                                                                                                                                    |       |                                             |      |      |     |
| <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: 62                                                                                                       |       |                                             |      |      |     |
| A                                                                                                                                                                              | B     | C                                           | D    | E    | FX  |
| 35,48                                                                                                                                                                          | 35,48 | 11,29                                       | 8,06 | 9,68 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Eliška Gálová, PhD., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                                           |       |                                             |      |      |     |
| <b>Last change:</b>                                                                                                                                                            |       |                                             |      |      |     |
| <b>Approved by:</b>                                                                                                                                                            |       |                                             |      |      |     |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------|------|------|-----|
| <b>Academic year:</b> 2021/2022                                                                                                                                                   |       |                                            |      |      |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                 |       |                                            |      |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                       |       |                                            |      |      |     |
| <b>Course ID:</b><br>PriF.KBo/RŠUB-009/16                                                                                                                                         |       | <b>Course title:</b><br>Morfológia rastlín |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:    per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                            |      |      |     |
| <b>Number of credits:</b> 2                                                                                                                                                       |       |                                            |      |      |     |
| <b>Recommended semester:</b>                                                                                                                                                      |       |                                            |      |      |     |
| <b>Educational level:</b> N                                                                                                                                                       |       |                                            |      |      |     |
| <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: 89                                                                                                          |       |                                            |      |      |     |
| A                                                                                                                                                                                 | B     | C                                          | D    | E    | FX  |
| 32,58                                                                                                                                                                             | 37,08 | 20,22                                      | 7,87 | 2,25 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Alžbeta Blehová, CSc., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                                            |       |                                            |      |      |     |
| <b>Last change:</b>                                                                                                                                                               |       |                                            |      |      |     |
| <b>Approved by:</b>                                                                                                                                                               |       |                                            |      |      |     |

## STATE EXAM DESCRIPTION

|                                                   |                                                  |
|---------------------------------------------------|--------------------------------------------------|
| <b>Academic year:</b> 2021/2022                   |                                                  |
| <b>University:</b> Comenius University Bratislava |                                                  |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                  |
| <b>Course ID:</b><br>PriF.KDPP/OBRŠ-200/16        | <b>Course title:</b><br>Obhajoba závěrečné práce |
| <b>Number of credits:</b> 0                       |                                                  |
| <b>Educational level:</b> N                       |                                                  |
| <b>State exam syllabus:</b>                       |                                                  |
| <b>Last change:</b>                               |                                                  |
| <b>Approved by:</b>                               |                                                  |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------|------|------|------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |      |                                            |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |      |                                            |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |      |                                            |      |      |      |
| <b>Course ID:</b><br>PriF.KDPP/N-RŠUB-027/18                                                                                                                                   |      | <b>Course title:</b><br>Pedagogická prax 1 |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |      |                                            |      |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                    |      |                                            |      |      |      |
| <b>Recommended semester:</b>                                                                                                                                                   |      |                                            |      |      |      |
| <b>Educational level:</b> N                                                                                                                                                    |      |                                            |      |      |      |
| <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   |
| 43,75                                                                                                                                                                          | 37,5 | 0,0                                        | 6,25 | 6,25 | 6,25 |
| <b>Lecturers:</b> doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Katarína Ušáková, PhD., doc. RNDr. Štefan Karolčík, PhD., PhDr. Michael Fuchs                                   |      |                                            |      |      |      |
| <b>Last change:</b>                                                                                                                                                            |      |                                            |      |      |      |
| <b>Approved by:</b>                                                                                                                                                            |      |                                            |      |      |      |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------|------|------|------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                   |       |                                            |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                 |       |                                            |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                       |       |                                            |      |      |      |
| <b>Course ID:</b><br>PriF.KDPP/RŠUB-023/16                                                                                                                                        |       | <b>Course title:</b><br>Pedagogická prax 2 |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:    per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                            |      |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                       |       |                                            |      |      |      |
| <b>Recommended semester:</b>                                                                                                                                                      |       |                                            |      |      |      |
| <b>Educational level:</b> N                                                                                                                                                       |       |                                            |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                             |       |                                            |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                       |       |                                            |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                         |       |                                            |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                            |       |                                            |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                    |       |                                            |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                |       |                                            |      |      |      |
| <b>Notes:</b>                                                                                                                                                                     |       |                                            |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 61                                                                                                          |       |                                            |      |      |      |
| A                                                                                                                                                                                 | B     | C                                          | D    | E    | FX   |
| 44,26                                                                                                                                                                             | 44,26 | 3,28                                       | 1,64 | 3,28 | 3,28 |
| <b>Lecturers:</b> doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Katarína Ušáková, PhD., doc. RNDr. Štefan Karolčík, PhD., PhDr. Michael Fuchs                                      |       |                                            |      |      |      |
| <b>Last change:</b>                                                                                                                                                               |       |                                            |      |      |      |
| <b>Approved by:</b>                                                                                                                                                               |       |                                            |      |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                   |       |                                            |     |      |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------|-----|------|------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                   |       |                                            |     |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                 |       |                                            |     |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                       |       |                                            |     |      |      |
| <b>Course ID:</b><br>PriF.KDPP/RŠUB-024/16                                                                                                                                        |       | <b>Course title:</b><br>Pedagogická prax 3 |     |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:    per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                            |     |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                       |       |                                            |     |      |      |
| <b>Recommended semester:</b>                                                                                                                                                      |       |                                            |     |      |      |
| <b>Educational level:</b> N                                                                                                                                                       |       |                                            |     |      |      |
| <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                                                                                                                                                                                 | B     | C                                          | D   | E    | FX   |
| 44,44                                                                                                                                                                             | 46,67 | 4,44                                       | 0,0 | 2,22 | 2,22 |
| <b>Lecturers:</b> doc. PaedDr. Elena Čipková, PhD., PhDr. Michael Fuchs                                                                                                           |       |                                            |     |      |      |
| <b>Last change:</b>                                                                                                                                                               |       |                                            |     |      |      |
| <b>Approved by:</b>                                                                                                                                                               |       |                                            |     |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                |      |                                                                                |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |      |                                                                                |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |      |                                                                                |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |      |                                                                                |     |     |     |
| <b>Course ID:</b><br>PriF.KDPP/RŠUB-022/16                                                                                                                                     |      | <b>Course title:</b><br>Vyučovanie biológie s podporou digitálnych technológií |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |      |                                                                                |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                    |      |                                                                                |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                   |      |                                                                                |     |     |     |
| <b>Educational level:</b> N                                                                                                                                                    |      |                                                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |      |                                                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |      |                                                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |      |                                                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |      |                                                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |      |                                                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |      |                                                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |      |                                                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 61                                                                                                       |      |                                                                                |     |     |     |
| A                                                                                                                                                                              | B    | C                                                                              | D   | E   | FX  |
| 96,72                                                                                                                                                                          | 3,28 | 0,0                                                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Henrieta Mázorová, PhD., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                                            |      |                                                                                |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |      |                                                                                |     |     |     |
| <b>Approved by:</b>                                                                                                                                                            |      |                                                                                |     |     |     |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2021/2022                                                                                                                                                   |       |                                    |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                 |       |                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                       |       |                                    |     |     |     |
| <b>Course ID:</b><br>PriF.KZ/RŠUB-011/16                                                                                                                                          |       | <b>Course title:</b><br>Zoológia 1 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:    per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                    |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                       |       |                                    |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                      |       |                                    |     |     |     |
| <b>Educational level:</b> N                                                                                                                                                       |       |                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                             |       |                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                       |       |                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                         |       |                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                            |       |                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                    |       |                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                |       |                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                     |       |                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 61                                                                                                          |       |                                    |     |     |     |
| A                                                                                                                                                                                 | B     | C                                  | D   | E   | FX  |
| 68,85                                                                                                                                                                             | 26,23 | 4,92                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Zlatica Országhová, CSc., RNDr. Martin Mrva, PhD., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                |       |                                    |     |     |     |
| <b>Last change:</b>                                                                                                                                                               |       |                                    |     |     |     |
| <b>Approved by:</b>                                                                                                                                                               |       |                                    |     |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2021/2022                                                                                                                                                  |       |                                    |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                |       |                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                      |       |                                    |     |     |     |
| <b>Course ID:</b><br>PriF.KZ/RŠUB-012/16                                                                                                                                         |       | <b>Course title:</b><br>Zoológia 2 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:   per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                    |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                      |       |                                    |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                     |       |                                    |     |     |     |
| <b>Educational level:</b> N                                                                                                                                                      |       |                                    |     |     |     |
| <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: 63                                                                                                         |       |                                    |     |     |     |
| A                                                                                                                                                                                | B     | C                                  | D   | E   | FX  |
| 79,37                                                                                                                                                                            | 20,63 | 0,0                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Martin Mrva, PhD., doc. RNDr. Zlatica Országhová, CSc., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                               |       |                                    |     |     |     |
| <b>Last change:</b> 27.11.2019                                                                                                                                                   |       |                                    |     |     |     |
| <b>Approved by:</b>                                                                                                                                                              |       |                                    |     |     |     |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------|------|-----|-----|
| <b>Academic year:</b> 2021/2022                                                                                                                                                   |       |                                                    |      |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                 |       |                                                    |      |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                       |       |                                                    |      |     |     |
| <b>Course ID:</b><br>PriF.KFR/RŠUB-010/16                                                                                                                                         |       | <b>Course title:</b><br>Základy fyziológie rastlín |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:    per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                                    |      |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                       |       |                                                    |      |     |     |
| <b>Recommended semester:</b>                                                                                                                                                      |       |                                                    |      |     |     |
| <b>Educational level:</b> N                                                                                                                                                       |       |                                                    |      |     |     |
| <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: 89                                                                                                          |       |                                                    |      |     |     |
| A                                                                                                                                                                                 | B     | C                                                  | D    | E   | FX  |
| 40,45                                                                                                                                                                             | 31,46 | 21,35                                              | 6,74 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Renáta Švubová, PhD., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                                              |       |                                                    |      |     |     |
| <b>Last change:</b>                                                                                                                                                               |       |                                                    |      |     |     |
| <b>Approved by:</b>                                                                                                                                                               |       |                                                    |      |     |     |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------|-------|------|-----|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |       |                                          |       |      |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |       |                                          |       |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |       |                                          |       |      |     |
| <b>Course ID:</b><br>PriF.KGe/RŠUB-015/16                                                                                                                                      |       | <b>Course title:</b><br>Základy genetiky |       |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                          |       |      |     |
| <b>Number of credits:</b> 4                                                                                                                                                    |       |                                          |       |      |     |
| <b>Recommended semester:</b>                                                                                                                                                   |       |                                          |       |      |     |
| <b>Educational level:</b> N                                                                                                                                                    |       |                                          |       |      |     |
| <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: 89                                                                                                       |       |                                          |       |      |     |
| A                                                                                                                                                                              | B     | C                                        | D     | E    | FX  |
| 17,98                                                                                                                                                                          | 31,46 | 24,72                                    | 16,85 | 8,99 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Eliška Gálová, PhD., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                                           |       |                                          |       |      |     |
| <b>Last change:</b>                                                                                                                                                            |       |                                          |       |      |     |
| <b>Approved by:</b>                                                                                                                                                            |       |                                          |       |      |     |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------|-----|-------|------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                                                                             |       |                                                              |     |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                           |       |                                                              |     |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                 |       |                                                              |     |       |      |
| <b>Course ID:</b><br>PriF.KDPP/RŠUB-200/16                                                                                                                                                                                                  |       | <b>Course title:</b><br>Záverečná práca rozširujúceho štúdia |     |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:   per level/semester:</b><br><b>Form of the course:</b> on-site learning                                                            |       |                                                              |     |       |      |
| <b>Number of credits:</b> 1                                                                                                                                                                                                                 |       |                                                              |     |       |      |
| <b>Recommended semester:</b>                                                                                                                                                                                                                |       |                                                              |     |       |      |
| <b>Educational level:</b> N                                                                                                                                                                                                                 |       |                                                              |     |       |      |
| <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: 59                                                                                                                                                                    |       |                                                              |     |       |      |
| A                                                                                                                                                                                                                                           | B     | C                                                            | D   | E     | FX   |
| 55,93                                                                                                                                                                                                                                       | 11,86 | 15,25                                                        | 0,0 | 11,86 | 5,08 |
| <b>Lecturers:</b> doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Katarína Ušáková, PhD., RNDr. Soňa Nagyová, PhD., doc. RNDr. PaedDr. Zuzana Haláková, PhD., doc. RNDr. Štefan Karolčík, PhD., PhDr. Michael Fuchs, RNDr. Jana Ciceková, PhD. |       |                                                              |     |       |      |
| <b>Last change:</b>                                                                                                                                                                                                                         |       |                                                              |     |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                                         |       |                                                              |     |       |      |