

## Course descriptions

### TABLE OF CONTENTS

|                   |                                                                                                  |    |
|-------------------|--------------------------------------------------------------------------------------------------|----|
| 1. N-bBXX-018/22  | Analytical Chemistry Practicals for Biologists.....                                              | 4  |
| 2. N-bBXX-019/22  | Analytical Chemistry for Biologists.....                                                         | 5  |
| 3. N-bBXX-015/22  | Animal and Human Physiology.....                                                                 | 6  |
| 4. N-bBXX-026/22  | Anthropology.....                                                                                | 7  |
| 5. N-bBFE-902/22  | Bachelor Dissertation Seminar in Animal Physiology and Ethology (1).....                         | 8  |
| 6. N-bBFE-903/22  | Bachelor Dissertation Seminar in Animal Physiology and Ethology (2).....                         | 9  |
| 7. N-bBVI-901/22  | Bachelor Dissertation in Virology.....                                                           | 10 |
| 8. N-bOBH-100/22  | Bachelor Thesis Defense ( <b>state exam</b> ).....                                               | 11 |
| 9. N-bBAN-902/22  | Bachelor Thesis Seminar in Anthropology (1).....                                                 | 12 |
| 10. N-bBAN-903/22 | Bachelor Thesis Seminar in Anthropology (2).....                                                 | 13 |
| 11. N-bBBT-902/22 | Bachelor Thesis Seminar in Biotechnology 1.....                                                  | 14 |
| 12. N-bBBT-903/22 | Bachelor Thesis Seminar in Biotechnology 2.....                                                  | 15 |
| 13. N-bBGE-902/22 | Bachelor Thesis Seminar in Genetics (1).....                                                     | 16 |
| 14. N-bBGE-903/22 | Bachelor Thesis Seminar in Genetics (2).....                                                     | 17 |
| 15. N-bBMI-902/22 | Bachelor Thesis Seminar in Microbiology (1).....                                                 | 18 |
| 16. N-bBMO-902/22 | Bachelor Thesis Seminar in Molecular Biology 1.....                                              | 19 |
| 17. N-bBMO-903/22 | Bachelor Thesis Seminar in Molecular Biology 2.....                                              | 20 |
| 18. N-bBVI-902/22 | Bachelor Thesis Seminar in Virology (1).....                                                     | 21 |
| 19. N-bBFE-901/22 | Bachelor Thesis in Animal Physiology and Ethology.....                                           | 22 |
| 20. N-bBBT-901/22 | Bachelor Thesis in Biotechnology.....                                                            | 23 |
| 21. N-bBGE-904/22 | Bachelor Thesis in Genetics.....                                                                 | 24 |
| 22. N-bBMI-901/22 | Bachelor Thesis in Microbiology.....                                                             | 25 |
| 23. N-bBMO-901/22 | Bachelor Thesis in Molecular Biology.....                                                        | 26 |
| 24. N-bOBH-100/22 | Bachelor's Thesis Defence ( <b>state exam</b> ).....                                             | 27 |
| 25. N-bOBH-100/22 | Bachelor's Thesis Defence ( <b>state exam</b> ).....                                             | 28 |
| 26. N-bOBH-100/22 | Bachelor's Thesis Defence ( <b>state exam</b> ).....                                             | 29 |
| 27. N-bOBH-100/22 | Bachelor's Thesis Defence ( <b>state exam</b> ).....                                             | 30 |
| 28. N-bBAN-901/22 | Bachelor's Thesis in Anthropology.....                                                           | 31 |
| 29. N-bBXX-019/22 | Basic Chemical Calculation and nomenclature.....                                                 | 32 |
| 30. N-bBGE-009/22 | Basic principles of working with scientific literature.....                                      | 33 |
| 31. N-bBMB-001/22 | Basics of Clinical Medicine.....                                                                 | 34 |
| 32. N-bBMO-015/22 | Basics of Theoretical and Experimental Medicine.....                                             | 35 |
| 33. N-XXXX-005/21 | Bioarchaeology.....                                                                              | 36 |
| 34. N-bBXX-027/22 | Biochemistry.....                                                                                | 37 |
| 35. N-bBXX-017/22 | Bioethics.....                                                                                   | 38 |
| 36. N-bBMO-009/22 | Bioinformatics.....                                                                              | 39 |
| 37. N-bBMB-002/22 | Biophysics.....                                                                                  | 40 |
| 38. N-bBXX-029/22 | Biotechnology.....                                                                               | 41 |
| 39. N-bBXX-068/22 | Cell Biology.....                                                                                | 42 |
| 40. N-bBXX-017/22 | Course in Analytical Chemistry.....                                                              | 43 |
| 41. N-bBGE-010/22 | Critical thinking and reading.....                                                               | 44 |
| 42. N-bXCJ-132/22 | ESP 1/English for Specific Purposes.....                                                         | 45 |
| 43. N-bXCJ-133/22 | ESP 2/English for Specific Purposes.....                                                         | 46 |
| 44. N-bXCJ-134/22 | ESP 3/English for Specific Purposes.....                                                         | 47 |
| 45. N-bXCJ-135/22 | ESP 4/English for Specific Purposes.....                                                         | 48 |
| 46. N-bBXX-025/22 | Elective Practicals on the Synthesis and Identification of Organic Compounds for Biologists..... | 49 |

|                   |                                                        |     |
|-------------------|--------------------------------------------------------|-----|
| 47. N-bBGE-012/22 | Evolutionary Biology.....                              | 50  |
| 48. N-bBEK-052/22 | Evolutionary Developmental Biology.....                | 51  |
| 49. N-bXCJ-136/22 | Fachdeutsch in Naturwissenschaften 1.....              | 52  |
| 50. N-bXCJ-137/22 | Fachdeutsch in Naturwissenschaften 2.....              | 53  |
| 51. N-bCXX-008/22 | General Biology.....                                   | 54  |
| 52. N-bBXX-020/22 | General and Inorganic Chemistry for Biologists.....    | 55  |
| 53. N-bBXX-038/22 | Genetics 1.....                                        | 56  |
| 54. N-bBGE-006/22 | Genetics 2: Model Organisms.....                       | 57  |
| 55. N-bBGE-004/22 | Genetics 3: Cytogenetics.....                          | 58  |
| 56. N-XXXX-004/21 | Genetics for everyone.....                             | 59  |
| 57. N-XXXX-001/21 | Geography of the World in the 21.st century.....       | 60  |
| 58. N-XXXX-007/21 | Geology in Nutshell.....                               | 61  |
| 59. N-XXXX-009/21 | Global Environmental Issues.....                       | 62  |
| 60. N-bXXX-001/19 | Green University 1.....                                | 63  |
| 61. N-bXXX-002/19 | Green University 2.....                                | 64  |
| 62. N-bBXX-087/22 | Human Functional Morphology.....                       | 65  |
| 63. N-bBMO-001/22 | Human Genetics.....                                    | 66  |
| 64. N-bBXX-026/22 | Immunology.....                                        | 67  |
| 65. N-bBXX-028/22 | Informatics for Biologists.....                        | 68  |
| 66. N-bBXX-083/15 | Introduction to Biostatistics and Probability.....     | 69  |
| 67. N-bBGE-003/22 | Lab Math.....                                          | 70  |
| 68. N-bBXX-017/22 | Lab Practical in Organic Chemistry for Biologists..... | 71  |
| 69. N-bXCJ-138/22 | Latinčina.....                                         | 72  |
| 70. N-XXXX-008/21 | Man as a part of the nature.....                       | 73  |
| 71. N-bBXX-080/15 | Mathematics.....                                       | 74  |
| 72. N-bBXX-082/22 | Mathematics for the Biology.....                       | 76  |
| 73. N-bBXX-019/22 | Medicinal Chemistry.....                               | 78  |
| 74. N-bBMO-008/22 | Methods in Molecular Biology.....                      | 79  |
| 75. N-bCBI-023/22 | Methods in Molecular and Cell Biology.....             | 80  |
| 76. N-bBXX-029/22 | Microbiology and Virology.....                         | 82  |
| 77. N-bBXX-002/22 | Microscopic techniques.....                            | 83  |
| 78. N-bBXX-048/22 | Molecular Biology.....                                 | 84  |
| 79. N-bBXX-026/22 | Natural Compounds.....                                 | 85  |
| 80. N-bBGE-011/22 | Optional Praxis in Genetics.....                       | 86  |
| 81. N-bBXX-018/22 | Organic Chemistry for Biologists.....                  | 87  |
| 82. N-XXXX-011/21 | Perspectives in Chemistry.....                         | 88  |
| 83. N-XXXX-010/22 | Perspectives of Biochemistry.....                      | 89  |
| 84. N-bBXX-002/22 | Perspectives of Current Biology.....                   | 90  |
| 85. N-bCFZ-036/22 | Physical Chemistry for Medical Biologists.....         | 91  |
| 86. N-bXTV-101/22 | Physical Education 1.....                              | 92  |
| 87. N-bXTV-102/22 | Physical Education 2.....                              | 93  |
| 88. N-bXTV-103/22 | Physical Education 3.....                              | 94  |
| 89. N-bXTV-104/22 | Physical Education 4.....                              | 95  |
| 90. N-bXTV-105/22 | Physical Education 5.....                              | 96  |
| 91. N-bXTV-106/22 | Physical Education 6.....                              | 97  |
| 92. N-bBXX-081/15 | Physics.....                                           | 98  |
| 93. N-XXXX-003/21 | Plants known and unknown.....                          | 100 |
| 94. N-bBXX-033/22 | Practical Course in Human Genetics.....                | 101 |
| 95. N-XXXX-002/21 | Practical Geography for Natural Scientists.....        | 102 |

|                    |                                                                      |     |
|--------------------|----------------------------------------------------------------------|-----|
| 96. N-XXXX-012/21  | Practical Geology for Everyone.....                                  | 103 |
| 97. N-bBXX-021/22  | Practical in Chemistry for Biologists.....                           | 104 |
| 98. N-bBXX-020/22  | Principles of Measurement of Chemical Substances for Biologists..... | 105 |
| 99. N-bBGE-007/22  | Problem tasks in genetics.....                                       | 106 |
| 100. N-bBXX-032/22 | Regulation of Gene Expression.....                                   | 107 |
| 101. N-bXTV-110/22 | River rafting.....                                                   | 108 |
| 102. N-bBMI-904/22 | Seminar for Bachelor Thesis in Microbiology (2).....                 | 109 |
| 103. N-bBVI-904/22 | Seminar for Bachelor Thesis in Virology (2).....                     | 110 |
| 104. N-bCAL-042/22 | Seminar in Analytical Chemistry for Biologists.....                  | 111 |
| 105. N-bBXX-024/22 | Seminar in Organic Chemistry for Biologists.....                     | 112 |
| 106. N-bBXX-031/22 | Seminar on Biotechnology.....                                        | 113 |
| 107. N-bXTV-108/22 | Summer Physical-Education Training.....                              | 114 |
| 108. N-XXXX-006/21 | Theory of species.....                                               | 115 |
| 109. N-bBGE-008/22 | Timing and design of experiments.....                                | 116 |
| 110. N-bXTV-107/22 | Winter Physical-Education Training.....                              | 117 |
| 111. N-bXTV-109/22 | Ďumbier mountain hiking.....                                         | 118 |

## COURSE DESCRIPTION

|                                                                                                                                                                                                       |       |                                                                        |      |      |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                       |       |                                                                        |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                     |       |                                                                        |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |       |                                                                        |      |      |      |
| <b>Course ID:</b><br>PriF.KAlCh/N-bBXX-018/22                                                                                                                                                         |       | <b>Course title:</b><br>Analytical Chemistry Practicals for Biologists |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning |       |                                                                        |      |      |      |
| <b>Number of credits:</b> 1                                                                                                                                                                           |       |                                                                        |      |      |      |
| <b>Recommended semester:</b> 2.                                                                                                                                                                       |       |                                                                        |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                          |       |                                                                        |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                 |       |                                                                        |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                           |       |                                                                        |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                             |       |                                                                        |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                |       |                                                                        |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                        |       |                                                                        |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |       |                                                                        |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                         |       |                                                                        |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 194                                                                                                                             |       |                                                                        |      |      |      |
| A                                                                                                                                                                                                     | B     | C                                                                      | D    | E    | FX   |
| 46,39                                                                                                                                                                                                 | 31,44 | 9,28                                                                   | 4,12 | 1,03 | 7,73 |
| <b>Lecturers:</b> RNDr. Renáta Górová, PhD., RNDr. Helena Jurdáková, PhD., RNDr. Katarína Chovancová, PhD., RNDr. Jaroslav Blaško, PhD.                                                               |       |                                                                        |      |      |      |
| <b>Last change:</b> 30.09.2022                                                                                                                                                                        |       |                                                                        |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                   |       |                                                                        |      |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                             |      |      |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------|------|------|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                             |      |      |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                             |      |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                             |      |      |     |
| <b>Course ID:</b><br>PriF.KAlCh/N-bBXX-019/22                                                                                                                                                      |       | <b>Course title:</b><br>Analytical Chemistry for Biologists |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning |       |                                                             |      |      |     |
| <b>Number of credits:</b> 1                                                                                                                                                                        |       |                                                             |      |      |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |       |                                                             |      |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                             |      |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                             |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                             |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                             |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                             |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                             |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                             |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                             |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 202                                                                                                                          |       |                                                             |      |      |     |
| A                                                                                                                                                                                                  | B     | C                                                           | D    | E    | FX  |
| 34,16                                                                                                                                                                                              | 42,08 | 11,88                                                       | 7,43 | 3,96 | 0,5 |
| <b>Lecturers:</b> prof. RNDr. Marian Masár, PhD., doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Róbert Bodor, PhD., Ing. Roman Szücs, PhD.                                                           |       |                                                             |      |      |     |
| <b>Last change:</b> 30.09.2022                                                                                                                                                                     |       |                                                             |      |      |     |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                             |      |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                           |       |                                                     |       |       |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------|-------|-------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                           |       |                                                     |       |       |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                         |       |                                                     |       |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                               |       |                                                     |       |       |       |
| <b>Course ID:</b><br>PriF.KŽFE/N-bBXX-015/22                                                                                                                                                                                                                                                                              |       | <b>Course title:</b><br>Animal and Human Physiology |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning                                                                                                  |       |                                                     |       |       |       |
| <b>Number of credits:</b> 5                                                                                                                                                                                                                                                                                               |       |                                                     |       |       |       |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                                                                           |       |                                                     |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                              |       |                                                     |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                     |       |                                                     |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                               |       |                                                     |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                 |       |                                                     |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                    |       |                                                     |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                            |       |                                                     |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                        |       |                                                     |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                             |       |                                                     |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 210                                                                                                                                                                                                                                                 |       |                                                     |       |       |       |
| A                                                                                                                                                                                                                                                                                                                         | B     | C                                                   | D     | E     | FX    |
| 14,76                                                                                                                                                                                                                                                                                                                     | 17,14 | 13,81                                               | 13,33 | 16,67 | 24,29 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc., Mgr. Zuzana Dzirbíková, PhD., Mgr. Miroslava Majzúnová, PhD., doc. Mgr. Ľuboš Molčan, PhD., Mgr. Roman Moravčík, PhD., Mgr. Martina Morová, PhD., doc. Mgr. Monika Okuliarová, PhD., RNDr. Katarína Stebelová, PhD., Mgr. Peter Štefánik, PhD., Mgr. Jana Zlacká, PhD. |       |                                                     |       |       |       |
| <b>Last change:</b> 02.10.2022                                                                                                                                                                                                                                                                                            |       |                                                     |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                       |       |                                                     |       |       |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                      |       |       |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------|-------|-------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                          |       |                                      |       |       |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                        |       |                                      |       |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                      |       |       |       |
| <b>Course ID:</b><br>PriF.KAn/N-bBXX-026/22                                                                                                                                                                              |       | <b>Course title:</b><br>Anthropology |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 4 <b>per level/semester:</b> 28 / 56<br><b>Form of the course:</b> on-site learning |       |                                      |       |       |       |
| <b>Number of credits:</b> 7                                                                                                                                                                                              |       |                                      |       |       |       |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                          |       |                                      |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                      |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                      |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                      |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                      |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                      |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                      |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                      |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                      |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 122                                                                                                                                                |       |                                      |       |       |       |
| A                                                                                                                                                                                                                        | B     | C                                    | D     | E     | FX    |
| 26,23                                                                                                                                                                                                                    | 15,57 | 22,95                                | 11,48 | 10,66 | 13,11 |
| <b>Lecturers:</b> doc. RNDr. Radoslav Beňuš, PhD., RNDr. Michaela Dörnhöferová, PhD., RNDr. Petra Švábová, PhD., doc. RNDr. Lenka Vorobeľová, PhD.                                                                       |       |                                      |       |       |       |
| <b>Last change:</b> 24.07.2022                                                                                                                                                                                           |       |                                      |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                                      |       |                                      |       |       |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                       |     |                                                                                             |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                       |     |                                                                                             |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                     |     |                                                                                             |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                           |     |                                                                                             |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/N-bBFE-902/22                                                                                                                                                                                                                                                                                                                                                                          |     | <b>Course title:</b><br>Bachelor Dissertation Seminar in Animal Physiology and Ethology (1) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                    |     |                                                                                             |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                           |     |                                                                                             |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                                                                                                                                                                                                                       |     |                                                                                             |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                          |     |                                                                                             |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                 |     |                                                                                             |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                           |     |                                                                                             |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                             |     |                                                                                             |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                |     |                                                                                             |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                        |     |                                                                                             |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                    |     |                                                                                             |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                                                                             |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 25                                                                                                                                                                                                                                                                                                                                              |     |                                                                                             |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                     | B   | C                                                                                           | D   | E   | FX  |
| 96,0                                                                                                                                                                                                                                                                                                                                                                                                                  | 4,0 | 0,0                                                                                         | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Zuzana Dzirbiková, PhD., prof. Mgr. Iveta Herichová, PhD., doc. RNDr. Lucia Kršková, PhD., Mgr. Miroslava Majzúnová, PhD., doc. Mgr. Ľuboš Molčan, PhD., Mgr. Roman Moravčík, PhD., Mgr. Martina Morová, PhD., doc. Mgr. Monika Okuliarová, PhD., Mgr. Lucia Olexová, PhD., RNDr. Katarína Stebelová, PhD., Mgr. Peter Štefánik, PhD., prof. RNDr. Michal Zeman, DrSc., Mgr. Jana Zlacká, PhD. |     |                                                                                             |     |     |     |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                                                                                                                                                                        |     |                                                                                             |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                   |     |                                                                                             |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                                                             |      |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------|------|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                                                             |      |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                     |      |                                                                                             |      |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                           |      |                                                                                             |      |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/N-bBFE-903/22                                                                                                                                                                                                                                                                                                                                                                          |      | <b>Course title:</b><br>Bachelor Dissertation Seminar in Animal Physiology and Ethology (2) |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                    |      |                                                                                             |      |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                           |      |                                                                                             |      |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                                                             |      |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                          |      |                                                                                             |      |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                                             |      |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                           |      |                                                                                             |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                                             |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                |      |                                                                                             |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                                                             |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                    |      |                                                                                             |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                                                                             |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 21                                                                                                                                                                                                                                                                                                                                              |      |                                                                                             |      |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                     | B    | C                                                                                           | D    | E   | FX  |
| 66,67                                                                                                                                                                                                                                                                                                                                                                                                                 | 9,52 | 19,05                                                                                       | 4,76 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Zuzana Dzirbiková, PhD., prof. Mgr. Iveta Herichová, PhD., doc. RNDr. Lucia Kršková, PhD., Mgr. Miroslava Majzúnová, PhD., doc. Mgr. Ľuboš Molčan, PhD., Mgr. Roman Moravčík, PhD., Mgr. Martina Morová, PhD., doc. Mgr. Monika Okuliarová, PhD., Mgr. Lucia Olexová, PhD., RNDr. Katarína Stebelová, PhD., Mgr. Peter Štefánik, PhD., prof. RNDr. Michal Zeman, DrSc., Mgr. Jana Zlacká, PhD. |      |                                                                                             |      |     |     |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                                                             |      |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                                             |      |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                      |      |                                                           |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                      |      |                                                           |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                    |      |                                                           |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                          |      |                                                           |     |     |     |
| <b>Course ID:</b><br>PriF.KMV/N-bBVI-901/22                                                                                                                                                                                          |      | <b>Course title:</b><br>Bachelor Dissertation in Virology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 10 <b>per level/semester:</b> 140<br><b>Form of the course:</b> on-site learning                                 |      |                                                           |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                          |      |                                                           |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                                      |      |                                                           |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                         |      |                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                |      |                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                          |      |                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                            |      |                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                               |      |                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                       |      |                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                   |      |                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                        |      |                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 10                                                                                                                                                             |      |                                                           |     |     |     |
| A                                                                                                                                                                                                                                    | B    | C                                                         | D   | E   | FX  |
| 90,0                                                                                                                                                                                                                                 | 10,0 | 0,0                                                       | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Tatiana Betáková, DrSc., doc. RNDr. Peter Kabát, CSc., RNDr. Boris Klempa, DrSc., RNDr. Kamila Koči, PhD., PhDr. Eva Nováková, doc. RNDr. Miroslava Šupolíková, PhD., doc. RNDr. František Golais, CSc. |      |                                                           |     |     |     |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                                                       |      |                                                           |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                  |      |                                                           |     |     |     |

## STATE EXAM DESCRIPTION

|                                                   |                                                 |
|---------------------------------------------------|-------------------------------------------------|
| <b>Academic year:</b> 2022/2023                   |                                                 |
| <b>University:</b> Comenius University Bratislava |                                                 |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                 |
| <b>Course ID:</b><br>PriF.KGe/N-bOBH-100/22       | <b>Course title:</b><br>Bachelor Thesis Defense |
| <b>Number of credits:</b> 8                       |                                                 |
| <b>Educational level:</b> I.                      |                                                 |
| <b>State exam syllabus:</b>                       |                                                 |
| <b>Last change:</b> 18.07.2022                    |                                                 |
| <b>Approved by:</b>                               |                                                 |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |      |                                                                     |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |      |                                                                     |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |      |                                                                     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                                                     |     |     |     |
| <b>Course ID:</b><br>PriF.KAn/N-bBAN-902/22                                                                                                                                                        |      | <b>Course title:</b><br>Bachelor Thesis Seminar in Anthropology (1) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                                                     |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                                                     |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |      |                                                                     |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                                                     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                                     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                                     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                                     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                                     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                                     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                                     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                                     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 17                                                                                                                           |      |                                                                     |     |     |     |
| A                                                                                                                                                                                                  | B    | C                                                                   | D   | E   | FX  |
| 94,12                                                                                                                                                                                              | 5,88 | 0,0                                                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Silvia Bodoriková, PhD.                                                                                                                                                     |      |                                                                     |     |     |     |
| <b>Last change:</b> 24.07.2022                                                                                                                                                                     |      |                                                                     |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                                                     |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                     |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                                     |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                                     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                     |     |     |     |
| <b>Course ID:</b><br>PriF.KAn/N-bBAN-903/22                                                                                                                                                        |     | <b>Course title:</b><br>Bachelor Thesis Seminar in Anthropology (2) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                     |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                     |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                                     |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 17                                                                                                                           |     |                                                                     |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                   | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Silvia Bodoriková, PhD.                                                                                                                                                     |     |                                                                     |     |     |     |
| <b>Last change:</b> 24.07.2022                                                                                                                                                                     |     |                                                                     |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                                     |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                    |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                                    |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                    |     |     |     |
| <b>Course ID:</b><br>PriF.KMB/N-bBBT-902/22                                                                                                                                                        |     | <b>Course title:</b><br>Bachelor Thesis Seminar in Biotechnology 1 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                    |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                    |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |     |                                                                    |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 13                                                                                                                           |     |                                                                    |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                  | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Stanislav Stuchlík, PhD., Mgr. Eva Struhárňanská, PhD.                                                                                                                |     |                                                                    |     |     |     |
| <b>Last change:</b> 24.07.2022                                                                                                                                                                     |     |                                                                    |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                                    |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                    |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                                    |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                    |     |     |     |
| <b>Course ID:</b><br>PriF.KMB/N-bBBT-903/22                                                                                                                                                        |     | <b>Course title:</b><br>Bachelor Thesis Seminar in Biotechnology 2 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                    |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                    |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                                    |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 13                                                                                                                           |     |                                                                    |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                  | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Stanislav Stuchlík, PhD., Mgr. Eva Struhárňanská, PhD.                                                                                                                |     |                                                                    |     |     |     |
| <b>Last change:</b> 24.07.2022                                                                                                                                                                     |     |                                                                    |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                                    |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                 |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                                 |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                                 |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                 |     |     |     |
| <b>Course ID:</b><br>PriF.KGe/N-bBGE-902/22                                                                                                                                                        |     | <b>Course title:</b><br>Bachelor Thesis Seminar in Genetics (1) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                 |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                 |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |     |                                                                 |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                 |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                 |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                 |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                 |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                 |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                 |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                 |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                 |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 35                                                                                                                           |     |                                                                 |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                               | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                             | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Eliška Gálová, PhD.                                                                                                                                                   |     |                                                                 |     |     |     |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                     |     |                                                                 |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                                 |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                 |     |     |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                                 |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                                 |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                 |     |     |      |
| <b>Course ID:</b><br>PriF.KGe/N-bBGE-903/22                                                                                                                                                        |     | <b>Course title:</b><br>Bachelor Thesis Seminar in Genetics (2) |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                 |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                 |     |     |      |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                                 |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                 |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                 |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                 |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                 |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                 |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                 |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                 |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                 |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 36                                                                                                                           |     |                                                                 |     |     |      |
| A                                                                                                                                                                                                  | B   | C                                                               | D   | E   | FX   |
| 94,44                                                                                                                                                                                              | 0,0 | 2,78                                                            | 0,0 | 0,0 | 2,78 |
| <b>Lecturers:</b> doc. RNDr. Andrea Ševčovičová, PhD.                                                                                                                                              |     |                                                                 |     |     |      |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                     |     |                                                                 |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                                 |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                    |      |                                                                     |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                    |      |                                                                     |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                  |      |                                                                     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                        |      |                                                                     |     |     |     |
| <b>Course ID:</b><br>PriF.KMV/N-bBMI-902/22                                                                                                                                                                                                        |      | <b>Course title:</b><br>Bachelor Thesis Seminar in Microbiology (1) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                 |      |                                                                     |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                        |      |                                                                     |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                                                    |      |                                                                     |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                       |      |                                                                     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                              |      |                                                                     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                        |      |                                                                     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                          |      |                                                                     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                             |      |                                                                     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                     |      |                                                                     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                 |      |                                                                     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                      |      |                                                                     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 10                                                                                                                                                                           |      |                                                                     |     |     |     |
| A                                                                                                                                                                                                                                                  | B    | C                                                                   | D   | E   | FX  |
| 90,0                                                                                                                                                                                                                                               | 10,0 | 0,0                                                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Helena Bujdáková, CSc., RNDr. Jaroslava Dekkerová, PhD., prof. RNDr. Yveta Gbelská, CSc., RNDr. Kamila Koči, PhD., Mgr. Barbora Radochová, PhD., doc. RNDr. Nora Tóth Hervay, PhD., doc. RNDr. Katarína Šoltys, PhD. |      |                                                                     |     |     |     |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                                                                     |      |                                                                     |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                |      |                                                                     |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |      |                                                                        |     |     |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |      |                                                                        |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |      |                                                                        |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                                                        |     |     |      |
| <b>Course ID:</b><br>PriF.KMB/N-bBMO-902/22                                                                                                                                                        |      | <b>Course title:</b><br>Bachelor Thesis Seminar in Molecular Biology 1 |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                                                        |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                                                        |     |     |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |      |                                                                        |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                                                        |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                                        |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                                        |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                                        |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                                        |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                                        |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                                        |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                                        |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 58                                                                                                                           |      |                                                                        |     |     |      |
| A                                                                                                                                                                                                  | B    | C                                                                      | D   | E   | FX   |
| 94,83                                                                                                                                                                                              | 3,45 | 0,0                                                                    | 0,0 | 0,0 | 1,72 |
| <b>Lecturers:</b> doc. RNDr. Stanislav Stuchlík, PhD., Mgr. Eva Struhárňanská, PhD.                                                                                                                |      |                                                                        |     |     |      |
| <b>Last change:</b> 24.07.2022                                                                                                                                                                     |      |                                                                        |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                                                        |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                        |     |     |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                                        |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                                        |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                        |     |     |      |
| <b>Course ID:</b><br>PriF.KMB/N-bBMO-903/22                                                                                                                                                        |     | <b>Course title:</b><br>Bachelor Thesis Seminar in Molecular Biology 2 |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                        |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                        |     |     |      |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                                        |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                        |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                        |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                        |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                        |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                        |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                        |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                        |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                        |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 54                                                                                                                           |     |                                                                        |     |     |      |
| A                                                                                                                                                                                                  | B   | C                                                                      | D   | E   | FX   |
| 90,74                                                                                                                                                                                              | 0,0 | 0,0                                                                    | 0,0 | 0,0 | 9,26 |
| <b>Lecturers:</b> doc. RNDr. Stanislav Stuchlík, PhD., Mgr. Eva Struhárňanská, PhD.                                                                                                                |     |                                                                        |     |     |      |
| <b>Last change:</b> 24.07.2022                                                                                                                                                                     |     |                                                                        |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                                        |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                      |     |                                                                 |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                      |     |                                                                 |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                    |     |                                                                 |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                          |     |                                                                 |     |     |     |
| <b>Course ID:</b><br>PriF.KMV/N-bBVI-902/22                                                                                                                                                                                          |     | <b>Course title:</b><br>Bachelor Thesis Seminar in Virology (1) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                   |     |                                                                 |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                          |     |                                                                 |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                                      |     |                                                                 |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                         |     |                                                                 |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                |     |                                                                 |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                          |     |                                                                 |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                            |     |                                                                 |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                               |     |                                                                 |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                       |     |                                                                 |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                   |     |                                                                 |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                        |     |                                                                 |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 10                                                                                                                                                             |     |                                                                 |     |     |     |
| A                                                                                                                                                                                                                                    | B   | C                                                               | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                | 0,0 | 0,0                                                             | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Tatiana Betáková, DrSc., doc. RNDr. Peter Kabát, CSc., RNDr. Boris Klempa, DrSc., RNDr. Kamila Koči, PhD., PhDr. Eva Nováková, doc. RNDr. Miroslava Šupolíková, PhD., doc. RNDr. František Golais, CSc. |     |                                                                 |     |     |     |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                                                       |     |                                                                 |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                  |     |                                                                 |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                                           |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                                           |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                     |      |                                                                           |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                           |      |                                                                           |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/N-bBFE-901/22                                                                                                                                                                                                                                                                                                                                                                          |      | <b>Course title:</b><br>Bachelor Thesis in Animal Physiology and Ethology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 10 <b>per level/semester:</b> 140<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                  |      |                                                                           |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                           |      |                                                                           |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                                           |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                          |      |                                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                           |      |                                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                |      |                                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                    |      |                                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 20                                                                                                                                                                                                                                                                                                                                              |      |                                                                           |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                     | B    | C                                                                         | D   | E   | FX  |
| 65,0                                                                                                                                                                                                                                                                                                                                                                                                                  | 10,0 | 20,0                                                                      | 5,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Zuzana Dzirbiková, PhD., prof. Mgr. Iveta Herichová, PhD., doc. RNDr. Lucia Kršková, PhD., Mgr. Miroslava Majzúnová, PhD., doc. Mgr. Ľuboš Molčan, PhD., Mgr. Roman Moravčík, PhD., Mgr. Martina Morová, PhD., doc. Mgr. Monika Okuliarová, PhD., Mgr. Lucia Olexová, PhD., RNDr. Katarína Stebelová, PhD., prof. RNDr. Michal Zeman, DrSc., Mgr. Jana Zlacká, PhD., Mgr. Peter Štefánik, PhD. |      |                                                                           |     |     |     |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                                           |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                           |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                      |     |                                                          |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                      |     |                                                          |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                    |     |                                                          |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                          |     |                                                          |     |     |     |
| <b>Course ID:</b><br>PriF.KMB/N-bBBT-901/22                                                                                                                                                          |     | <b>Course title:</b><br>Bachelor Thesis in Biotechnology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 10 <b>per level/semester:</b> 140<br><b>Form of the course:</b> on-site learning |     |                                                          |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                          |     |                                                          |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                      |     |                                                          |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                         |     |                                                          |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                |     |                                                          |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                          |     |                                                          |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                            |     |                                                          |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                               |     |                                                          |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                       |     |                                                          |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                   |     |                                                          |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                        |     |                                                          |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 13                                                                                                                             |     |                                                          |     |     |     |
| A                                                                                                                                                                                                    | B   | C                                                        | D   | E   | FX  |
| 100,0                                                                                                                                                                                                | 0,0 | 0,0                                                      | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Stanislav Stuchlík, PhD.                                                                                                                                                |     |                                                          |     |     |     |
| <b>Last change:</b> 24.07.2022                                                                                                                                                                       |     |                                                          |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                  |     |                                                          |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                     |     |      |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------|-----|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                     |     |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                                                     |     |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                     |     |      |      |
| <b>Course ID:</b><br>PriF.KGe/N-bBGE-904/22                                                                                                                                                                                                                                                                                                                                                                                                                                      |      | <b>Course title:</b><br>Bachelor Thesis in Genetics |     |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 10 <b>per level/semester:</b> 140<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                             |      |                                                     |     |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                     |     |      |      |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                     |     |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                                     |     |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                                                     |     |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                     |     |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                     |     |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                                     |     |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                                     |     |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                                                     |     |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                                                     |     |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 36                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                                     |     |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | B    | C                                                   | D   | E    | FX   |
| 86,11                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5,56 | 0,0                                                 | 0,0 | 5,56 | 2,78 |
| <b>Lecturers:</b> prof. RNDr. Ľubomír Tomáška, DrSc., doc. RNDr. Vladimíra Džugasová, PhD., doc. RNDr. Eliška Gálová, PhD., Mgr. Katarína Gaplovská, PhD., Mgr. Lucia Mentelová, PhD., RNDr. Regina Sepšiová, PhD., doc. Mgr. Miroslava Slaninová, Dr., doc. RNDr. Andrea Ševčovičová, PhD., Mgr. Katarína Procházková, PhD., Mgr. Silvia Bágeľová Poláková, PhD., Mgr. Stanislav Kyzek, PhD., Mgr. Filip Červenák, PhD., Mgr. Ivana Ďurovcová, PhD., Mgr. Anetta Bakošová, PhD. |      |                                                     |     |      |      |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                                     |     |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                                                     |     |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                    |      |                                                         |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                    |      |                                                         |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                  |      |                                                         |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                        |      |                                                         |     |     |     |
| <b>Course ID:</b><br>PriF.KMV/N-bBMI-901/22                                                                                                                                                                                                        |      | <b>Course title:</b><br>Bachelor Thesis in Microbiology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 10 <b>per level/semester:</b> 140<br><b>Form of the course:</b> on-site learning                                               |      |                                                         |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                        |      |                                                         |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                                                    |      |                                                         |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                       |      |                                                         |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                              |      |                                                         |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                        |      |                                                         |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                          |      |                                                         |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                             |      |                                                         |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                     |      |                                                         |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                 |      |                                                         |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                      |      |                                                         |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 10                                                                                                                                                                           |      |                                                         |     |     |     |
| A                                                                                                                                                                                                                                                  | B    | C                                                       | D   | E   | FX  |
| 90,0                                                                                                                                                                                                                                               | 10,0 | 0,0                                                     | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Helena Bujdáková, CSc., RNDr. Jaroslava Dekkerová, PhD., prof. RNDr. Yveta Gbelská, CSc., RNDr. Kamila Koči, PhD., Mgr. Barbora Radochová, PhD., doc. RNDr. Nora Tóth Hervay, PhD., doc. RNDr. Katarína Šoltys, PhD. |      |                                                         |     |     |     |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                                                                     |      |                                                         |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                |      |                                                         |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                      |     |                                                              |     |     |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------|-----|-----|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                      |     |                                                              |     |     |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                    |     |                                                              |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                          |     |                                                              |     |     |       |
| <b>Course ID:</b><br>PriF.KMB/N-bBMO-901/22                                                                                                                                                          |     | <b>Course title:</b><br>Bachelor Thesis in Molecular Biology |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 10 <b>per level/semester:</b> 140<br><b>Form of the course:</b> on-site learning |     |                                                              |     |     |       |
| <b>Number of credits:</b> 2                                                                                                                                                                          |     |                                                              |     |     |       |
| <b>Recommended semester:</b> 6.                                                                                                                                                                      |     |                                                              |     |     |       |
| <b>Educational level:</b> I.                                                                                                                                                                         |     |                                                              |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                                                |     |                                                              |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                                          |     |                                                              |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                                            |     |                                                              |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                                               |     |                                                              |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                                       |     |                                                              |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                   |     |                                                              |     |     |       |
| <b>Notes:</b>                                                                                                                                                                                        |     |                                                              |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 54                                                                                                                             |     |                                                              |     |     |       |
| A                                                                                                                                                                                                    | B   | C                                                            | D   | E   | FX    |
| 77,78                                                                                                                                                                                                | 3,7 | 7,41                                                         | 0,0 | 0,0 | 11,11 |
| <b>Lecturers:</b> doc. RNDr. Stanislav Stuchlík, PhD.                                                                                                                                                |     |                                                              |     |     |       |
| <b>Last change:</b> 24.07.2022                                                                                                                                                                       |     |                                                              |     |     |       |
| <b>Approved by:</b>                                                                                                                                                                                  |     |                                                              |     |     |       |

## STATE EXAM DESCRIPTION

|                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|
| <b>Academic year:</b> 2022/2023                   |                                                   |
| <b>University:</b> Comenius University Bratislava |                                                   |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                   |
| <b>Course ID:</b><br>PriF.KMV/N-bOBH-100/22       | <b>Course title:</b><br>Bachelor's Thesis Defence |
| <b>Number of credits:</b> 8                       |                                                   |
| <b>Educational level:</b> I.                      |                                                   |
| <b>State exam syllabus:</b>                       |                                                   |
| <b>Last change:</b> 12.09.2022                    |                                                   |
| <b>Approved by:</b>                               |                                                   |

## STATE EXAM DESCRIPTION

|                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|
| <b>Academic year:</b> 2022/2023                   |                                                   |
| <b>University:</b> Comenius University Bratislava |                                                   |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                   |
| <b>Course ID:</b><br>PriF.KŽFE/N-bOBH-100/22      | <b>Course title:</b><br>Bachelor's Thesis Defence |
| <b>Number of credits:</b> 8                       |                                                   |
| <b>Educational level:</b> I.                      |                                                   |
| <b>State exam syllabus:</b>                       |                                                   |
| <b>Last change:</b> 01.08.2022                    |                                                   |
| <b>Approved by:</b>                               |                                                   |

## STATE EXAM DESCRIPTION

|                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|
| <b>Academic year:</b> 2022/2023                   |                                                   |
| <b>University:</b> Comenius University Bratislava |                                                   |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                   |
| <b>Course ID:</b><br>PriF.KMB/N-bOBH-100/22       | <b>Course title:</b><br>Bachelor's Thesis Defence |
| <b>Number of credits:</b> 8                       |                                                   |
| <b>Educational level:</b> I.                      |                                                   |
| <b>State exam syllabus:</b>                       |                                                   |
| <b>Last change:</b> 24.07.2022                    |                                                   |
| <b>Approved by:</b>                               |                                                   |

## STATE EXAM DESCRIPTION

|                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|
| <b>Academic year:</b> 2022/2023                   |                                                   |
| <b>University:</b> Comenius University Bratislava |                                                   |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                   |
| <b>Course ID:</b><br>PriF.KAn/N-bOBH-100/22       | <b>Course title:</b><br>Bachelor's Thesis Defence |
| <b>Number of credits:</b> 8                       |                                                   |
| <b>Educational level:</b> I.                      |                                                   |
| <b>State exam syllabus:</b>                       |                                                   |
| <b>Last change:</b> 24.07.2022                    |                                                   |
| <b>Approved by:</b>                               |                                                   |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                  |       |                                                           |     |      |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------|-----|------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                  |       |                                                           |     |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                |       |                                                           |     |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                      |       |                                                           |     |      |       |
| <b>Course ID:</b><br>PriF.KAn/N-bBAN-901/22                                                                                                                                                                                                                                                                      |       | <b>Course title:</b><br>Bachelor's Thesis in Anthropology |     |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 10 <b>per level/semester:</b> 140<br><b>Form of the course:</b> on-site learning                                                                                                             |       |                                                           |     |      |       |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                      |       |                                                           |     |      |       |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                                                                                                                  |       |                                                           |     |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                     |       |                                                           |     |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                            |       |                                                           |     |      |       |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                      |       |                                                           |     |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                        |       |                                                           |     |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                           |       |                                                           |     |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                   |       |                                                           |     |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                               |       |                                                           |     |      |       |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                    |       |                                                           |     |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 18                                                                                                                                                                                                                                         |       |                                                           |     |      |       |
| A                                                                                                                                                                                                                                                                                                                | B     | C                                                         | D   | E    | FX    |
| 61,11                                                                                                                                                                                                                                                                                                            | 11,11 | 5,56                                                      | 0,0 | 5,56 | 16,67 |
| <b>Lecturers:</b> doc. RNDr. Radoslav Beňuš, PhD., Mgr. Silvia Bodoriková, PhD., RNDr. Veronika Candráková Čerňanová, PhD., prof. Mgr. Viktor Černý, Dr., RNDr. Michaela Dörnhöferová, PhD., RNDr. Eva Neščáková, CSc., RNDr. Petra Švábová, PhD., doc. RNDr. Lenka Vorobeľová, PhD., RNDr. Darina Falbová, PhD. |       |                                                           |     |      |       |
| <b>Last change:</b> 24.07.2022                                                                                                                                                                                                                                                                                   |       |                                                           |     |      |       |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                              |       |                                                           |     |      |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                                     |       |      |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------|-------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                                     |       |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                                     |       |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                                     |       |      |      |
| <b>Course ID:</b><br>PriF.KAgCh/N-bBXX-019/22                                                                                                                                                      |       | <b>Course title:</b><br>Basic Chemical Calculation and nomenclature |       |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                     |       |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                                     |       |      |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                    |       |                                                                     |       |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                                     |       |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                                     |       |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                                     |       |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                                     |       |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                                     |       |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                                     |       |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                                     |       |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                                     |       |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 127                                                                                                                          |       |                                                                     |       |      |      |
| A                                                                                                                                                                                                  | B     | C                                                                   | D     | E    | FX   |
| 38,58                                                                                                                                                                                              | 21,26 | 13,39                                                               | 10,24 | 8,66 | 7,87 |
| <b>Lecturers:</b> RNDr. Jana Chrappová, PhD., Mgr. Dominika Lacušková, RNDr. Ján Šimunek, PhD.,<br>RNDr. Zuzana Matkovičová, PhD.                                                                  |       |                                                                     |       |      |      |
| <b>Last change:</b> 09.10.2022                                                                                                                                                                     |       |                                                                     |       |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                                     |       |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                                                                |     |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                                                                |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                                                |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                                |     |     |     |
| <b>Course ID:</b><br>PriF.KGe/N-bBGE-009/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      | <b>Course title:</b><br>Basic principles of working with scientific literature |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week: 2 per level/semester: 28</b><br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                                |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                                |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                                                                |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                                                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                                                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                                                                                |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | B    | C                                                                              | D   | E   | FX  |
| 88,89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8,33 | 2,78                                                                           | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Ľubomír Tomáška, DrSc., doc. RNDr. Eliška Gálová, PhD., Mgr. Katarína Gaplovská, PhD., Mgr. Lucia Mentelová, PhD., RNDr. Regina Sepšiová, PhD., doc. Mgr. Miroslava Slaninová, Dr., doc. RNDr. Andrea Ševčovičová, PhD., doc. RNDr. Vladimíra Džugasová, PhD., Mgr. Stanislav Kyzek, PhD., Mgr. Filip Červenák, PhD., Mgr. Silvia Bágeľová Poláková, PhD., Mgr. Katarína Procházková, PhD., Mgr. Ivana Ďurovcová, PhD., Mgr. Anetta Bakošová, PhD., Mgr. Veronika Vozáriková, Mgr. Zuzana Brzáčová, Mgr. Katarína Veljačiková, Mgr. Terézia Zajičková, Mgr. Mária Peťková |      |                                                                                |     |     |     |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                                                                |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                                                                |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                            |       |                                                     |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                            |       |                                                     |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                          |       |                                                     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                |       |                                                     |     |     |     |
| <b>Course ID:</b><br>PriF/N-bBMB-001/22                                                                                                                                                                    |       | <b>Course title:</b><br>Basics of Clinical Medicine |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning         |       |                                                     |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                |       |                                                     |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                            |       |                                                     |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                               |       |                                                     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                      |       |                                                     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                |       |                                                     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                  |       |                                                     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                     |       |                                                     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                             |       |                                                     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                         |       |                                                     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                              |       |                                                     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 69                                                                                                                                   |       |                                                     |     |     |     |
| A                                                                                                                                                                                                          | B     | C                                                   | D   | E   | FX  |
| 39,13                                                                                                                                                                                                      | 40,58 | 20,29                                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Martin Kolísek, Dr.rer.nat, MUDr. Michal Cibulka, PhD., Ing. Petra Hnilicová, PhD., doc. Mgr. Marián Grendár, PhD., prof. RNDr. Viktor Bielik, PhD., MUDr. Milan Grofik, PhD. |       |                                                     |     |     |     |
| <b>Last change:</b> 14.11.2022                                                                                                                                                                             |       |                                                     |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                        |       |                                                     |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                        |       |                                                                         |       |       |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------|-------|-------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                        |       |                                                                         |       |       |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                      |       |                                                                         |       |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                            |       |                                                                         |       |       |       |
| <b>Course ID:</b><br>PriF.KMB/N-bBMO-015/22                                                                                                                                                                                                            |       | <b>Course title:</b><br>Basics of Theoretical and Experimental Medicine |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                     |       |                                                                         |       |       |       |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                            |       |                                                                         |       |       |       |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                                                        |       |                                                                         |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                                                                           |       |                                                                         |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                  |       |                                                                         |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                                                                            |       |                                                                         |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                              |       |                                                                         |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                 |       |                                                                         |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                                                                         |       |                                                                         |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                     |       |                                                                         |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                                                          |       |                                                                         |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 71                                                                                                                                                                               |       |                                                                         |       |       |       |
| A                                                                                                                                                                                                                                                      | B     | C                                                                       | D     | E     | FX    |
| 1,41                                                                                                                                                                                                                                                   | 11,27 | 15,49                                                                   | 25,35 | 32,39 | 14,08 |
| <b>Lecturers:</b> doc. MUDr. Ing. Peter Celec, DrSc., Mgr. Veronika Borbélyová, PhD., doc. RNDr. Ľubomíra Tóthová, PhD., doc. MUDr. RNDr. Roman Gardlík, PhD., doc. RNDr. Barbora Vlková, PhD., Mgr. Barbora Konečná, PhD., Mgr. Michal Pastorek, PhD. |       |                                                                         |       |       |       |
| <b>Last change:</b> 09.11.2022                                                                                                                                                                                                                         |       |                                                                         |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                                                                    |       |                                                                         |       |       |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                        |      |      |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------|------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                        |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                        |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                        |      |      |      |
| <b>Course ID:</b><br>PriF.KAn/N-XXXX-005/21                                                                                                                                                        |       | <b>Course title:</b><br>Bioarchaeology |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                        |      |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                        |      |      |      |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                            |       |                                        |      |      |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                  |       |                                        |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                        |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                        |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                        |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                        |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                        |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                        |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                        |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 930                                                                                                                          |       |                                        |      |      |      |
| A                                                                                                                                                                                                  | B     | C                                      | D    | E    | FX   |
| 73,01                                                                                                                                                                                              | 12,37 | 6,67                                   | 3,33 | 0,97 | 3,66 |
| <b>Lecturers:</b> doc. RNDr. Radoslav Beňuš, PhD., Mgr. Silvia Bodoriková, PhD., prof. Mgr. Viktor Černý, Dr.                                                                                      |       |                                        |      |      |      |
| <b>Last change:</b> 07.11.2022                                                                                                                                                                     |       |                                        |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                        |      |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                      |      |      |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------|------|------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                          |       |                                      |      |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                        |       |                                      |      |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                      |      |      |       |
| <b>Course ID:</b><br>PriF.KBCh/N-bBXX-027/22                                                                                                                                                                             |       | <b>Course title:</b><br>Biochemistry |      |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |       |                                      |      |      |       |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |       |                                      |      |      |       |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                          |       |                                      |      |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                      |      |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                      |      |      |       |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                      |      |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                      |      |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                      |      |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                      |      |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                      |      |      |       |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                      |      |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 230                                                                                                                                                |       |                                      |      |      |       |
| A                                                                                                                                                                                                                        | B     | C                                    | D    | E    | FX    |
| 3,48                                                                                                                                                                                                                     | 13,04 | 21,3                                 | 4,78 | 2,61 | 54,78 |
| <b>Lecturers:</b> doc. RNDr. Jana Korduláková, PhD., Mgr. Petra Chovančíková, PhD.                                                                                                                                       |       |                                      |      |      |       |
| <b>Last change:</b> 05.10.2022                                                                                                                                                                                           |       |                                      |      |      |       |
| <b>Approved by:</b>                                                                                                                                                                                                      |       |                                      |      |      |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |      |                                   |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |      |                                   |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |      |                                   |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                   |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/N-bBXX-017/22                                                                                                                                                       |      | <b>Course title:</b><br>Bioethics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                   |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |      |                                   |     |     |     |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                            |      |                                   |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                   |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                   |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                   |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                   |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                   |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                   |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                   |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                   |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 218                                                                                                                          |      |                                   |     |     |     |
| A                                                                                                                                                                                                  | B    | C                                 | D   | E   | FX  |
| 92,66                                                                                                                                                                                              | 7,34 | 0,0                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc., doc. RNDr. Lucia Kršková, PhD., doc. Mgr. Miroslava Slaninová, Dr., Mgr. Zdenko Levarski, PhD., doc. RNDr. Stanislav Stuchlík, PhD.             |      |                                   |     |     |     |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                     |      |                                   |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                   |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                        |       |       |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------|-------|-------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                          |       |                                        |       |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                        |       |                                        |       |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                        |       |       |      |
| <b>Course ID:</b><br>PriF.KMB/N-bBMO-009/22                                                                                                                                                                              |       | <b>Course title:</b><br>Bioinformatics |       |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |       |                                        |       |       |      |
| <b>Number of credits:</b> 5                                                                                                                                                                                              |       |                                        |       |       |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                          |       |                                        |       |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                        |       |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                        |       |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                        |       |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                        |       |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                        |       |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                        |       |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                        |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                        |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 85                                                                                                                                                 |       |                                        |       |       |      |
| A                                                                                                                                                                                                                        | B     | C                                      | D     | E     | FX   |
| 16,47                                                                                                                                                                                                                    | 17,65 | 31,76                                  | 22,35 | 10,59 | 1,18 |
| <b>Lecturers:</b> prof. RNDr. Hana Drahovská, PhD., Mgr. Ľuboš Kľučár, PhD.                                                                                                                                              |       |                                        |       |       |      |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                                           |       |                                        |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                      |       |                                        |       |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                          |       |                                    |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                        |       |                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                    |     |     |     |
| <b>Course ID:</b><br>PriF/N-bBMB-002/22                                                                                                                                                                                  |       | <b>Course title:</b><br>Biophysics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |       |                                    |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                                                              |       |                                    |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                          |       |                                    |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 69                                                                                                                                                 |       |                                    |     |     |     |
| A                                                                                                                                                                                                                        | B     | C                                  | D   | E   | FX  |
| 43,48                                                                                                                                                                                                                    | 40,58 | 13,04                              | 2,9 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Milan Zvarík, PhD., Mgr. Zuzana Garaiová, PhD.                                                                                                                                                   |       |                                    |     |     |     |
| <b>Last change:</b> 06.11.2022                                                                                                                                                                                           |       |                                    |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                      |       |                                    |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                       |       |      |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------|-------|------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                       |       |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                       |       |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                       |       |      |       |
| <b>Course ID:</b><br>PriF.KMB/N-bBXX-029/22                                                                                                                                                        |       | <b>Course title:</b><br>Biotechnology |       |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                       |       |      |       |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                       |       |      |       |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |       |                                       |       |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                       |       |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                       |       |      |       |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                       |       |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                       |       |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                       |       |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                       |       |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                       |       |      |       |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                       |       |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 82                                                                                                                           |       |                                       |       |      |       |
| A                                                                                                                                                                                                  | B     | C                                     | D     | E    | FX    |
| 34,15                                                                                                                                                                                              | 13,41 | 13,41                                 | 17,07 | 7,32 | 14,63 |
| <b>Lecturers:</b> prof. RNDr. Ján Turňa, CSc., doc. RNDr. Ján Krahulec, PhD., doc. RNDr. Stanislav Stuchlík, PhD., Mgr. Zdenko Levarski, PhD., Mgr. Eva Struhárňanská, PhD.                        |       |                                       |       |      |       |
| <b>Last change:</b> 24.07.2022                                                                                                                                                                     |       |                                       |       |      |       |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                       |       |      |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                      |       |       |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------|-------|-------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                          |       |                                      |       |       |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                        |       |                                      |       |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                              |       |                                      |       |       |       |
| <b>Course ID:</b><br>PriF.KFR/N-bBXX-068/22                                                                                                                                                                                                                                                                                                                                                                              |       | <b>Course title:</b><br>Cell Biology |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                 |       |                                      |       |       |       |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                              |       |                                      |       |       |       |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                          |       |                                      |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                             |       |                                      |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                    |       |                                      |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                              |       |                                      |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                |       |                                      |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                   |       |                                      |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                           |       |                                      |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                       |       |                                      |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                      |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 246                                                                                                                                                                                                                                                                                                                                                |       |                                      |       |       |       |
| A                                                                                                                                                                                                                                                                                                                                                                                                                        | B     | C                                    | D     | E     | FX    |
| 21,95                                                                                                                                                                                                                                                                                                                                                                                                                    | 15,45 | 21,54                                | 17,07 | 13,41 | 10,57 |
| <b>Lecturers:</b> doc. Mgr. Michal Martinka, PhD., prof. RNDr. Helena Bujdáková, CSc., prof. Mgr. Iveta Herichová, PhD., doc. RNDr. Martin Mrva, PhD., doc. Mgr. Ľuboš Molčan, PhD., doc. Mgr. Renáta Švubová, PhD., doc. Mgr. Boris Bokor, PhD., doc. Mgr. Viktor Demko, PhD., RNDr. Jana Kohanová, PhD., RNDr. Zuzana Lukačová, PhD., Mgr. Monika Bathóová, PhD., Mgr. Diana Hačkuličová, Mgr. Dominik Kostoláni, PhD. |       |                                      |       |       |       |
| <b>Last change:</b> 15.07.2022                                                                                                                                                                                                                                                                                                                                                                                           |       |                                      |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                      |       |                                      |       |       |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                       |      |                                                        |      |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------|------|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                       |      |                                                        |      |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                     |      |                                                        |      |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |      |                                                        |      |     |     |
| <b>Course ID:</b><br>PriF.KAlCh/N-bBXX-017/22                                                                                                                                                         |      | <b>Course title:</b><br>Course in Analytical Chemistry |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 4 <b>per level/semester:</b> 56<br><b>Form of the course:</b> on-site learning |      |                                                        |      |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                           |      |                                                        |      |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                       |      |                                                        |      |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                          |      |                                                        |      |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |      |                                                        |      |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |      |                                                        |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |      |                                                        |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |      |                                                        |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |      |                                                        |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |      |                                                        |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |      |                                                        |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 12                                                                                                                              |      |                                                        |      |     |     |
| A                                                                                                                                                                                                     | B    | C                                                      | D    | E   | FX  |
| 25,0                                                                                                                                                                                                  | 50,0 | 16,67                                                  | 8,33 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Peter Troška, PhD.                                                                                                                                                            |      |                                                        |      |     |     |
| <b>Last change:</b> 30.09.2022                                                                                                                                                                        |      |                                                        |      |     |     |
| <b>Approved by:</b>                                                                                                                                                                                   |      |                                                        |      |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                       |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                       |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                       |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                       |     |     |     |
| <b>Course ID:</b><br>PriF.KGe/N-bBGE-010/22                                                                                                                                                        |     | <b>Course title:</b><br>Critical thinking and reading |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning |     |                                                       |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                       |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                       |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                       |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                       |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                       |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                       |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                       |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                       |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                       |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                       |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 24                                                                                                                           |     |                                                       |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                     | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                   | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Katarína Gaplovská, PhD., RNDr. Regina Sepšiová, PhD., doc. RNDr. Andrea Ševčovičová, PhD.                                                                                  |     |                                                       |     |     |     |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                     |     |                                                       |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                       |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                               |       |                                                             |      |      |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                               |       |                                                             |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                             |       |                                                             |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                   |       |                                                             |      |      |      |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-132/22                                                                                                                                                                                                                    |       | <b>Course title:</b><br>ESP 1/English for Specific Purposes |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                            |       |                                                             |      |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                   |       |                                                             |      |      |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                               |       |                                                             |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                  |       |                                                             |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                         |       |                                                             |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                   |       |                                                             |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                     |       |                                                             |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                        |       |                                                             |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                |       |                                                             |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                            |       |                                                             |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                 |       |                                                             |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 204                                                                                                                                                                                     |       |                                                             |      |      |      |
| A                                                                                                                                                                                                                                                             | B     | C                                                           | D    | E    | FX   |
| 67,65                                                                                                                                                                                                                                                         | 15,69 | 8,82                                                        | 0,98 | 2,45 | 4,41 |
| <b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová,<br>Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc.,<br>RNDr. Tatiana Slováková, PhD., Mgr. Simona Tomášková, PhD. |       |                                                             |      |      |      |
| <b>Last change:</b> 26.09.2022                                                                                                                                                                                                                                |       |                                                             |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                           |       |                                                             |      |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                               |       |                                                             |      |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------|------|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                               |       |                                                             |      |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                             |       |                                                             |      |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                   |       |                                                             |      |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-133/22                                                                                                                                                                                                                    |       | <b>Course title:</b><br>ESP 2/English for Specific Purposes |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                            |       |                                                             |      |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                   |       |                                                             |      |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                                                               |       |                                                             |      |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                  |       |                                                             |      |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                         |       |                                                             |      |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                   |       |                                                             |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                     |       |                                                             |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                        |       |                                                             |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                |       |                                                             |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                            |       |                                                             |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                 |       |                                                             |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 151                                                                                                                                                                                     |       |                                                             |      |     |     |
| A                                                                                                                                                                                                                                                             | B     | C                                                           | D    | E   | FX  |
| 84,11                                                                                                                                                                                                                                                         | 13,91 | 1,32                                                        | 0,66 | 0,0 | 0,0 |
| <b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová,<br>Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc.,<br>RNDr. Tatiana Slováková, PhD., Mgr. Simona Tomášková, PhD. |       |                                                             |      |     |     |
| <b>Last change:</b> 26.09.2022                                                                                                                                                                                                                                |       |                                                             |      |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                           |       |                                                             |      |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                  |       |                                                             |     |      |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------|-----|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                  |       |                                                             |     |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                |       |                                                             |     |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                      |       |                                                             |     |      |      |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-134/22                                                                                                                                                                                       |       | <b>Course title:</b><br>ESP 3/English for Specific Purposes |     |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                               |       |                                                             |     |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                      |       |                                                             |     |      |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                                  |       |                                                             |     |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                     |       |                                                             |     |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                            |       |                                                             |     |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                      |       |                                                             |     |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                        |       |                                                             |     |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                           |       |                                                             |     |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                   |       |                                                             |     |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                               |       |                                                             |     |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                    |       |                                                             |     |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 173                                                                                                                                                        |       |                                                             |     |      |      |
| A                                                                                                                                                                                                                                | B     | C                                                           | D   | E    | FX   |
| 76,88                                                                                                                                                                                                                            | 15,03 | 4,05                                                        | 0,0 | 1,16 | 2,89 |
| <b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová,<br>Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc.,<br>RNDr. Tatiana Slováková, PhD. |       |                                                             |     |      |      |
| <b>Last change:</b> 26.09.2022                                                                                                                                                                                                   |       |                                                             |     |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                              |       |                                                             |     |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                            |      |                                                             |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                            |      |                                                             |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                          |      |                                                             |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                |      |                                                             |     |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-135/22                                                                                                                                                                                 |      | <b>Course title:</b><br>ESP 4/English for Specific Purposes |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                         |      |                                                             |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                |      |                                                             |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                            |      |                                                             |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                               |      |                                                             |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                      |      |                                                             |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                |      |                                                             |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                  |      |                                                             |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                     |      |                                                             |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                             |      |                                                             |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                         |      |                                                             |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                              |      |                                                             |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 129                                                                                                                                                  |      |                                                             |     |     |     |
| A                                                                                                                                                                                                                          | B    | C                                                           | D   | E   | FX  |
| 93,8                                                                                                                                                                                                                       | 5,43 | 0,78                                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD. |      |                                                             |     |     |     |
| <b>Last change:</b> 26.09.2022                                                                                                                                                                                             |      |                                                             |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                        |      |                                                             |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                        |      |                                                                                                                     |      |      |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                        |      |                                                                                                                     |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                      |      |                                                                                                                     |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                            |      |                                                                                                                     |      |      |      |
| <b>Course ID:</b><br>PriF.KOrCh/N-bBXX-025/22                                                                                                                                                                                                                                          |      | <b>Course title:</b><br>Elective Practicals on the Synthesis and Identification of Organic Compounds for Biologists |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning                                                                                  |      |                                                                                                                     |      |      |      |
| <b>Number of credits:</b> 1                                                                                                                                                                                                                                                            |      |                                                                                                                     |      |      |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                                        |      |                                                                                                                     |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                           |      |                                                                                                                     |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                  |      |                                                                                                                     |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                            |      |                                                                                                                     |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                              |      |                                                                                                                     |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                 |      |                                                                                                                     |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                         |      |                                                                                                                     |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                     |      |                                                                                                                     |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                          |      |                                                                                                                     |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 153                                                                                                                                                                                                              |      |                                                                                                                     |      |      |      |
| A                                                                                                                                                                                                                                                                                      | B    | C                                                                                                                   | D    | E    | FX   |
| 81,7                                                                                                                                                                                                                                                                                   | 7,84 | 7,19                                                                                                                | 0,65 | 0,65 | 1,96 |
| <b>Lecturers:</b> RNDr. Viera Poláčková, PhD., Mgr. Iveta Kmentová, PhD., Mgr. Peter Šramel, PhD.,<br>Mgr. Dominika Krištofiková, PhD., PharmDr. Ivica Sigmundová, PhD., Mgr. Filip Bulko, PhD.,<br>Ing. Eva Veverková, CSc., Mgr. Bernard Mravec, PhD., Mgr. Viktória Némethová, PhD. |      |                                                                                                                     |      |      |      |
| <b>Last change:</b> 09.05.2023                                                                                                                                                                                                                                                         |      |                                                                                                                     |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                    |      |                                                                                                                     |      |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                        |       |                                              |       |       |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------|-------|-------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                        |       |                                              |       |       |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                      |       |                                              |       |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                            |       |                                              |       |       |       |
| <b>Course ID:</b><br>PriF.KGe/N-bBGE-012/22                                                                                                                                                                            |       | <b>Course title:</b><br>Evolutionary Biology |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                     |       |                                              |       |       |       |
| <b>Number of credits:</b> 3                                                                                                                                                                                            |       |                                              |       |       |       |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                        |       |                                              |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                                           |       |                                              |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                  |       |                                              |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                                            |       |                                              |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                              |       |                                              |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                 |       |                                              |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                                         |       |                                              |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                     |       |                                              |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                          |       |                                              |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 194                                                                                                                                              |       |                                              |       |       |       |
| A                                                                                                                                                                                                                      | B     | C                                            | D     | E     | FX    |
| 8,25                                                                                                                                                                                                                   | 17,01 | 20,1                                         | 21,13 | 21,65 | 11,86 |
| <b>Lecturers:</b> prof. RNDr. Ľubomír Tomáška, DrSc., RNDr. Regina Sepšiová, PhD., doc. Mgr. Peter Mikulíček, PhD., doc. Mgr. Peter Vďačný, Dr.rer.nat, doc. RNDr. Ján Radvánszky, PhD., doc. RNDr. Marek Mentel, PhD. |       |                                              |       |       |       |
| <b>Last change:</b> 22.09.2022                                                                                                                                                                                         |       |                                              |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                                    |       |                                              |       |       |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                            |      |       |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------|------|-------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                            |      |       |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                            |      |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                            |      |       |       |
| <b>Course ID:</b><br>PriF.KFR/N-bBEK-052/22                                                                                                                                                        |       | <b>Course title:</b><br>Evolutionary Developmental Biology |      |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                            |      |       |       |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                                            |      |       |       |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |       |                                                            |      |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                            |      |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                            |      |       |       |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                            |      |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                            |      |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                            |      |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                            |      |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                            |      |       |       |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                            |      |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 43                                                                                                                           |       |                                                            |      |       |       |
| A                                                                                                                                                                                                  | B     | C                                                          | D    | E     | FX    |
| 9,3                                                                                                                                                                                                | 25,58 | 37,21                                                      | 4,65 | 11,63 | 11,63 |
| <b>Lecturers:</b> doc. Mgr. Viktor Demko, PhD., doc. Mgr. Monika Okuliarová, PhD., doc. RNDr. Ján Radvánszky, PhD.                                                                                 |       |                                                            |      |       |       |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                     |       |                                                            |      |       |       |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                            |      |       |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                              |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                              |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-136/22                                                                                                                                                         |     | <b>Course title:</b><br>Fachdeutsch in Naturwissenschaften 1 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                              |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                              |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |     |                                                              |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 9                                                                                                                            |     |                                                              |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                            | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Karin Rózsová Wolfová                                                                                                                                                       |     |                                                              |     |     |     |
| <b>Last change:</b> 23.07.2022                                                                                                                                                                     |     |                                                              |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                              |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                              |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                              |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-137/22                                                                                                                                                         |     | <b>Course title:</b><br>Fachdeutsch in Naturwissenschaften 2 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                              |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                              |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                              |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 3                                                                                                                            |     |                                                              |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                            | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Karin Rózsová Wolfová                                                                                                                                                       |     |                                                              |     |     |     |
| <b>Last change:</b> 23.07.2022                                                                                                                                                                     |     |                                                              |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                              |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |      |                                         |       |     |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------|-------|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |      |                                         |       |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |      |                                         |       |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                         |       |     |      |
| <b>Course ID:</b><br>PriF.KGe/N-bCXX-008/22                                                                                                                                                        |      | <b>Course title:</b><br>General Biology |       |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                         |       |     |      |
| <b>Number of credits:</b> 3                                                                                                                                                                        |      |                                         |       |     |      |
| <b>Recommended semester:</b> 2., 4.                                                                                                                                                                |      |                                         |       |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                         |       |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                         |       |     |      |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                         |       |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                         |       |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                         |       |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                         |       |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                         |       |     |      |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                         |       |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 127                                                                                                                          |      |                                         |       |     |      |
| A                                                                                                                                                                                                  | B    | C                                       | D     | E   | FX   |
| 63,78                                                                                                                                                                                              | 7,87 | 9,45                                    | 11,02 | 6,3 | 1,57 |
| <b>Lecturers:</b> prof. RNDr. Ľubomír Tomáška, DrSc.                                                                                                                                               |      |                                         |       |     |      |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                     |      |                                         |       |     |      |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                         |       |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |      |                                                                        |       |       |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------|-------|-------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |      |                                                                        |       |       |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |      |                                                                        |       |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                                                        |       |       |       |
| <b>Course ID:</b><br>PriF.KAgCh/N-bBXX-020/22                                                                                                                                                      |      | <b>Course title:</b><br>General and Inorganic Chemistry for Biologists |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                                                        |       |       |       |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                                                        |       |       |       |
| <b>Recommended semester:</b> 1.                                                                                                                                                                    |      |                                                                        |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                                                        |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                                        |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                                        |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                                        |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                                        |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                                        |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                                        |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                                        |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 252                                                                                                                          |      |                                                                        |       |       |       |
| A                                                                                                                                                                                                  | B    | C                                                                      | D     | E     | FX    |
| 9,92                                                                                                                                                                                               | 12,3 | 11,11                                                                  | 14,68 | 15,48 | 36,51 |
| <b>Lecturers:</b> doc. RNDr. Jozef Tatiersky, PhD.                                                                                                                                                 |      |                                                                        |       |       |       |
| <b>Last change:</b> 04.10.2022                                                                                                                                                                     |      |                                                                        |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                                                        |       |       |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |                                    |       |      |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------|-------|------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                                             |       |                                    |       |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                           |       |                                    |       |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                 |       |                                    |       |      |       |
| <b>Course ID:</b><br>PriF.KGe/N-bBXX-038/22                                                                                                                                                                                                                                                                                                                                                                                                 |       | <b>Course title:</b><br>Genetics 1 |       |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 4 <b>per level/semester:</b> 28 / 56<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                    |       |                                    |       |      |       |
| <b>Number of credits:</b> 7                                                                                                                                                                                                                                                                                                                                                                                                                 |       |                                    |       |      |       |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                             |       |                                    |       |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                |       |                                    |       |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                                    |       |      |       |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                 |       |                                    |       |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                   |       |                                    |       |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                      |       |                                    |       |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                              |       |                                    |       |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                          |       |                                    |       |      |       |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                               |       |                                    |       |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 178                                                                                                                                                                                                                                                                                                                                                                   |       |                                    |       |      |       |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                           | B     | C                                  | D     | E    | FX    |
| 7,3                                                                                                                                                                                                                                                                                                                                                                                                                                         | 12,36 | 17,42                              | 21,35 | 23,6 | 17,98 |
| <b>Lecturers:</b> prof. RNDr. Ľubomír Tomáška, DrSc., doc. RNDr. Eliška Gálová, PhD., Mgr. Lucia Mentelová, PhD., RNDr. Regina Sepšiová, PhD., doc. Mgr. Miroslava Slaninová, Dr., doc. RNDr. Andrea Ševčovičová, PhD., Mgr. Katarína Gaplovská, PhD., doc. RNDr. Vladimíra Džugasová, PhD., Mgr. Filip Červenák, PhD., Mgr. Katarína Procházková, PhD., Mgr. Stanislav Kyzek, PhD., Mgr. Filip Brázdovič, PhD., Mgr. Ivana Ďurovcová, PhD. |       |                                    |       |      |       |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                                                                                                                                                                                                                                                              |       |                                    |       |      |       |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                                    |       |      |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                |       |                                                     |      |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------|------|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                |       |                                                     |      |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                              |       |                                                     |      |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                    |       |                                                     |      |     |     |
| <b>Course ID:</b><br>PriF.KGe/N-bBGE-006/22                                                                                                                                                                                                                                                                    |       | <b>Course title:</b><br>Genetics 2: Model Organisms |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning                                                                                       |       |                                                     |      |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                                                                                                                                                    |       |                                                     |      |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                                                                                                                |       |                                                     |      |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                   |       |                                                     |      |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                          |       |                                                     |      |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                    |       |                                                     |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                      |       |                                                     |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                         |       |                                                     |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                 |       |                                                     |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                             |       |                                                     |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                  |       |                                                     |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 35                                                                                                                                                                                                                                       |       |                                                     |      |     |     |
| A                                                                                                                                                                                                                                                                                                              | B     | C                                                   | D    | E   | FX  |
| 54,29                                                                                                                                                                                                                                                                                                          | 31,43 | 11,43                                               | 2,86 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Vladimíra Džugasová, PhD., doc. RNDr. Eliška Gálová, PhD., Mgr. Lucia Mentelová, PhD., doc. Mgr. Miroslava Slaninová, Dr., prof. RNDr. Anton Horváth, CSc., RNDr. Miroslava Matúšková, PhD., RNDr. Dušan Žitňan, DrSc., Mgr. Stanislav Kyzek, PhD., Mgr. Svetlana Miklíková, PhD. |       |                                                     |      |     |     |
| <b>Last change:</b> 22.09.2022                                                                                                                                                                                                                                                                                 |       |                                                     |      |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                            |       |                                                     |      |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                           |       |                                                  |       |      |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------|-------|------|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                           |       |                                                  |       |      |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                         |       |                                                  |       |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                               |       |                                                  |       |      |     |
| <b>Course ID:</b><br>PriF.KGe/N-bBGE-004/22                                                                                                                                                                               |       | <b>Course title:</b><br>Genetics 3: Cytogenetics |       |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning  |       |                                                  |       |      |     |
| <b>Number of credits:</b> 5                                                                                                                                                                                               |       |                                                  |       |      |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                           |       |                                                  |       |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                                              |       |                                                  |       |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                     |       |                                                  |       |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                               |       |                                                  |       |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                 |       |                                                  |       |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                    |       |                                                  |       |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                            |       |                                                  |       |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                        |       |                                                  |       |      |     |
| <b>Notes:</b>                                                                                                                                                                                                             |       |                                                  |       |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 35                                                                                                                                                  |       |                                                  |       |      |     |
| A                                                                                                                                                                                                                         | B     | C                                                | D     | E    | FX  |
| 28,57                                                                                                                                                                                                                     | 25,71 | 28,57                                            | 14,29 | 2,86 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Eliška Gálová, PhD., Mgr. Katarína Gaplovská, PhD., doc. Mgr. Miroslava Slaninová, Dr., doc. RNDr. Andrea Ševčovičová, PhD., Mgr. Silvia Bágeľová Poláková, PhD., Mgr. Anetta Bakošová, PhD. |       |                                                  |       |      |     |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                                            |       |                                                  |       |      |     |
| <b>Approved by:</b>                                                                                                                                                                                                       |       |                                                  |       |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                               |      |                                               |     |     |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                               |      |                                               |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                             |      |                                               |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                   |      |                                               |     |     |      |
| <b>Course ID:</b><br>PriF.KGe/N-XXXX-004/21                                                                                                                                                                   |      | <b>Course title:</b><br>Genetics for everyone |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning            |      |                                               |     |     |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                   |      |                                               |     |     |      |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                                       |      |                                               |     |     |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                             |      |                                               |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                         |      |                                               |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                   |      |                                               |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                     |      |                                               |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                        |      |                                               |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                |      |                                               |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                            |      |                                               |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                                 |      |                                               |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 729                                                                                                                                     |      |                                               |     |     |      |
| A                                                                                                                                                                                                             | B    | C                                             | D   | E   | FX   |
| 93,0                                                                                                                                                                                                          | 1,37 | 0,0                                           | 0,0 | 0,0 | 5,62 |
| <b>Lecturers:</b> RNDr. Regina Sepšiová, PhD., doc. Mgr. Miroslava Slaninová, Dr., Mgr. Filip Červenák, PhD., doc. RNDr. Andrea Ševčovičová, PhD., doc. RNDr. Eliška Gálová, PhD., Mgr. Stanislav Kyzek, PhD. |      |                                               |     |     |      |
| <b>Last change:</b> 15.05.2021                                                                                                                                                                                |      |                                               |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                           |      |                                               |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                     |      |      |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                 |      |                                                                     |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                               |      |                                                                     |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                     |      |                                                                     |      |      |      |
| <b>Course ID:</b><br>PriF.KRGRR/N-XXXX-001/21                                                                                                                                                                                                                                                                                                                                   |      | <b>Course title:</b><br>Geography of the World in the 21.st century |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning                                                                                                                                                           |      |                                                                     |      |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                     |      |                                                                     |      |      |      |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                                                                                                                                                                                                         |      |                                                                     |      |      |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                                                                                                                                                               |      |                                                                     |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                           |      |                                                                     |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                     |      |                                                                     |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                       |      |                                                                     |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                          |      |                                                                     |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                  |      |                                                                     |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                              |      |                                                                     |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                     |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 56                                                                                                                                                                                                                                                                                                        |      |                                                                     |      |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                               | B    | C                                                                   | D    | E    | FX   |
| 78,57                                                                                                                                                                                                                                                                                                                                                                           | 7,14 | 5,36                                                                | 1,79 | 1,79 | 5,36 |
| <b>Lecturers:</b> Mgr. Rastislav Cákoci, PhD., RNDr. Katarína Danielová, PhD., doc. RNDr. Daniel Gurňák, PhD., doc. RNDr. František Križan, PhD., doc. RNDr. Eva Rajčáková, CSc., Mgr. Michala Sládeková Madajová, PhD., RNDr. Angelika Švecová, PhD., Mgr. Martin Šveda, PhD., prof. RNDr. Ladislav Tolmáči, PhD., RNDr. Mgr. Anna Tolmáči, PhD., Mgr. Gabriel Zubriczký, PhD. |      |                                                                     |      |      |      |
| <b>Last change:</b> 15.05.2021                                                                                                                                                                                                                                                                                                                                                  |      |                                                                     |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                             |      |                                                                     |      |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                     |     |                                             |     |       |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------|-----|-------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                     |     |                                             |     |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                   |     |                                             |     |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                         |     |                                             |     |       |      |
| <b>Course ID:</b><br>PriF.KMPLG/N-XXXX-007/21                                                                                                                                                                                                       |     | <b>Course title:</b><br>Geology in Nutshell |     |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28<br><b>Form of the course:</b> on-site learning                            |     |                                             |     |       |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                         |     |                                             |     |       |      |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                                                                             |     |                                             |     |       |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                                   |     |                                             |     |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                               |     |                                             |     |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                         |     |                                             |     |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                           |     |                                             |     |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                              |     |                                             |     |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                      |     |                                             |     |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                  |     |                                             |     |       |      |
| <b>Notes:</b>                                                                                                                                                                                                                                       |     |                                             |     |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 28                                                                                                                                                                            |     |                                             |     |       |      |
| A                                                                                                                                                                                                                                                   | B   | C                                           | D   | E     | FX   |
| 82,14                                                                                                                                                                                                                                               | 0,0 | 0,0                                         | 0,0 | 14,29 | 3,57 |
| <b>Lecturers:</b> prof. RNDr. Roman Aubrecht, Dr., doc. Mgr. Natália Hlavatá Hudáčková, PhD., doc. RNDr. Jozef Hók, CSc., prof. RNDr. Michal Kováč, DrSc., RNDr. Alexander Lačný, PhD., doc. RNDr. Jana Fridrichová, PhD., RNDr. Ondrej Nemec, PhD. |     |                                             |     |       |      |
| <b>Last change:</b> 20.01.2022                                                                                                                                                                                                                      |     |                                             |     |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                 |     |                                             |     |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                     |     |     |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                     |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                     |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                     |     |     |      |
| <b>Course ID:</b><br>PriF.KPI/N-XXXX-009/21                                                                                                                                                        |     | <b>Course title:</b><br>Global Environmental Issues |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                     |     |     |      |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                                     |     |     |      |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                            |     |                                                     |     |     |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                  |     |                                                     |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                     |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                     |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                     |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                     |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                     |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                     |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                     |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 297                                                                                                                          |     |                                                     |     |     |      |
| A                                                                                                                                                                                                  | B   | C                                                   | D   | E   | FX   |
| 94,95                                                                                                                                                                                              | 0,0 | 0,67                                                | 0,0 | 0,0 | 4,38 |
| <b>Lecturers:</b> doc. RNDr. Katarína Pavličková, CSc., prof. RNDr. Pavel Dlapa, PhD., RNDr. Martina Zvaríková, PhD., doc. RNDr. Ľubomír Jurkovič, PhD.                                            |     |                                                     |     |     |      |
| <b>Last change:</b> 09.11.2022                                                                                                                                                                     |     |                                                     |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                     |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                            |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                          |     |                                            |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                        |     |                                            |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                            |     |     |     |
| <b>Course ID:</b><br>PriF.KEM/N-bXXX-001/19                                                                                                                                                                              |     | <b>Course title:</b><br>Green University 1 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |     |                                            |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                              |     |                                            |     |     |     |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6..                                                                                                                                                                     |     |                                            |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                            |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                            |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                            |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                            |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                            |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                            |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                            |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                            |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 71                                                                                                                                                 |     |                                            |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                          | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                    | 0,0 | 0,0                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., RNDr. Hubert Žarnovičan, PhD., Mgr. Martin Šebesta, PhD.                                                                                     |     |                                            |     |     |     |
| <b>Last change:</b> 11.02.2020                                                                                                                                                                                           |     |                                            |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                      |     |                                            |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                            |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                          |     |                                            |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                        |     |                                            |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                            |     |     |     |
| <b>Course ID:</b><br>PriF.KEM/N-bXXX-002/19                                                                                                                                                                              |     | <b>Course title:</b><br>Green University 2 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |     |                                            |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                              |     |                                            |     |     |     |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6..                                                                                                                                                                     |     |                                            |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                            |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                            |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                            |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                            |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                            |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                            |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                            |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                            |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 21                                                                                                                                                 |     |                                            |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                          | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                    | 0,0 | 0,0                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., Mgr. Martin Šebesta, PhD.,<br>RNDr. Hubert Žarnovičan, PhD.                                                                                  |     |                                            |     |     |     |
| <b>Last change:</b> 11.02.2020                                                                                                                                                                                           |     |                                            |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                      |     |                                            |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                     |       |       |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------|-------|-------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                     |       |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                |      |                                                     |       |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                     |       |       |      |
| <b>Course ID:</b><br>PriF.KŽFE/N-bBXX-087/22                                                                                                                                                                                                                                                                                                                                                                                     |      | <b>Course title:</b><br>Human Functional Morphology |       |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 3 / 2 <b>per level/semester:</b> 42 / 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                         |      |                                                     |       |       |      |
| <b>Number of credits:</b> 6                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                     |       |       |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                     |       |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                                     |       |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                            |      |                                                     |       |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                     |       |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                     |       |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                                     |       |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                                     |       |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                               |      |                                                     |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                                                     |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 99                                                                                                                                                                                                                                                                                                                                                         |      |                                                     |       |       |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                | B    | C                                                   | D     | E     | FX   |
| 16,16                                                                                                                                                                                                                                                                                                                                                                                                                            | 20,2 | 24,24                                               | 14,14 | 17,17 | 8,08 |
| <b>Lecturers:</b> doc. Mgr. Monika Okuliarová, PhD., doc. Mgr. Ľuboš Molčan, PhD., RNDr. Petra Švábová, PhD., RNDr. Veronika Candráková Čerňanová, PhD., RNDr. Mária Chovancová, PhD., Mgr. Zuzana Dzirbíková, PhD., RNDr. Darina Falbová, PhD., Mgr. Miroslava Majzúnová, PhD., Mgr. Roman Moravčík, PhD., RNDr. Katarína Stebelová, PhD., doc. RNDr. Lenka Vorobeľová, PhD., Mgr. Jana Zlacká, PhD., Mgr. Peter Štefánik, PhD. |      |                                                     |       |       |      |
| <b>Last change:</b> 02.10.2022                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                                     |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                              |      |                                                     |       |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                        |       |       |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------|-------|-------|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                        |       |       |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                        |       |       |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                        |       |       |     |
| <b>Course ID:</b><br>PriF.KMB/N-bBMO-001/22                                                                                                                                                        |       | <b>Course title:</b><br>Human Genetics |       |       |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                        |       |       |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                        |       |       |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |       |                                        |       |       |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                        |       |       |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                        |       |       |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                        |       |       |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                        |       |       |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                        |       |       |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                        |       |       |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                        |       |       |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                        |       |       |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 129                                                                                                                          |       |                                        |       |       |     |
| A                                                                                                                                                                                                  | B     | C                                      | D     | E     | FX  |
| 18,6                                                                                                                                                                                               | 17,05 | 24,03                                  | 20,16 | 13,95 | 6,2 |
| <b>Lecturers:</b> doc. Mgr. Andrej Ficek, PhD., Mgr. Marián Baldovič, PhD., doc. RNDr. Ján Radvánszky, PhD.                                                                                        |       |                                        |       |       |     |
| <b>Last change:</b> 09.11.2022                                                                                                                                                                     |       |                                        |       |       |     |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                        |       |       |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |      |                                    |      |       |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------|------|-------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |      |                                    |      |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |      |                                    |      |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                    |      |       |      |
| <b>Course ID:</b><br>PriF.KMV/N-bBXX-026/22                                                                                                                                                        |      | <b>Course title:</b><br>Immunology |      |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                    |      |       |      |
| <b>Number of credits:</b> 3                                                                                                                                                                        |      |                                    |      |       |      |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |      |                                    |      |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                    |      |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                    |      |       |      |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                    |      |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                    |      |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                    |      |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                    |      |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                    |      |       |      |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                    |      |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 105                                                                                                                          |      |                                    |      |       |      |
| A                                                                                                                                                                                                  | B    | C                                  | D    | E     | FX   |
| 7,62                                                                                                                                                                                               | 18,1 | 21,9                               | 21,9 | 20,95 | 9,52 |
| <b>Lecturers:</b> doc. RNDr. Miroslava Šupolíková, PhD., doc. RNDr. Tatiana Betáková, DrSc.                                                                                                        |      |                                    |      |       |      |
| <b>Last change:</b> 12.09.2022                                                                                                                                                                     |      |                                    |      |       |      |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                    |      |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                    |       |      |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------|-------|------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                    |       |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                    |       |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                    |       |      |       |
| <b>Course ID:</b><br>PriF.KMB/N-bBXX-028/22                                                                                                                                                        |       | <b>Course title:</b><br>Informatics for Biologists |       |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                    |       |      |       |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                                    |       |      |       |
| <b>Recommended semester:</b> 1.                                                                                                                                                                    |       |                                                    |       |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                    |       |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                    |       |      |       |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                    |       |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                    |       |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                    |       |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                    |       |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                    |       |      |       |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                    |       |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 135                                                                                                                          |       |                                                    |       |      |       |
| A                                                                                                                                                                                                  | B     | C                                                  | D     | E    | FX    |
| 22,22                                                                                                                                                                                              | 17,78 | 14,07                                              | 14,81 | 4,44 | 26,67 |
| <b>Lecturers:</b> doc. RNDr. Tomáš Szemes, PhD., Mgr. Juraj Gazdarica, PhD.                                                                                                                        |       |                                                    |       |      |       |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                     |       |                                                    |       |      |       |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                    |       |      |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                                                       |      |      |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------|------|------|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                          |       |                                                                       |      |      |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                        |       |                                                                       |      |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                                                       |      |      |     |
| <b>Course ID:</b><br>PriF-FMFI.KJFB/N-bBXX-083/15                                                                                                                                                                        |       | <b>Course title:</b><br>Introduction to Biostatistics and Probability |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |       |                                                                       |      |      |     |
| <b>Number of credits:</b> 5                                                                                                                                                                                              |       |                                                                       |      |      |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                          |       |                                                                       |      |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                                                       |      |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                                                       |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                                                       |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                                                       |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                                                       |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                                                       |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                                                       |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                                                       |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 331                                                                                                                                                |       |                                                                       |      |      |     |
| A                                                                                                                                                                                                                        | B     | C                                                                     | D    | E    | FX  |
| 38,67                                                                                                                                                                                                                    | 32,93 | 19,34                                                                 | 7,25 | 1,51 | 0,3 |
| <b>Lecturers:</b> doc. RNDr. Iveta Waczulíková, PhD., RNDr. Ing. Milan Melicherčík, PhD.                                                                                                                                 |       |                                                                       |      |      |     |
| <b>Last change:</b> 08.11.2022                                                                                                                                                                                           |       |                                                                       |      |      |     |
| <b>Approved by:</b>                                                                                                                                                                                                      |       |                                                                       |      |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |      |                                  |      |      |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------|------|------|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |      |                                  |      |      |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |      |                                  |      |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                  |      |      |     |
| <b>Course ID:</b><br>PriF.KGe/N-bBGE-003/22                                                                                                                                                        |      | <b>Course title:</b><br>Lab Math |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning |      |                                  |      |      |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                  |      |      |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |      |                                  |      |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                  |      |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                  |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                  |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                  |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                  |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                  |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                  |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                  |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 10                                                                                                                           |      |                                  |      |      |     |
| A                                                                                                                                                                                                  | B    | C                                | D    | E    | FX  |
| 0,0                                                                                                                                                                                                | 30,0 | 40,0                             | 20,0 | 10,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Andrea Ševčovičová, PhD., Mgr. Katarína Juríková, PhD., Mgr. Ivana Ďurovcová, PhD.                                                                                    |      |                                  |      |      |     |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                     |      |                                  |      |      |     |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                  |      |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                  |       |                                                                           |      |      |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                  |       |                                                                           |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                |       |                                                                           |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                      |       |                                                                           |      |      |      |
| <b>Course ID:</b><br>PriF.KOrCh/N-bBXX-017/22                                                                                                                                                                                                                                    |       | <b>Course title:</b><br>Lab Practical in Organic Chemistry for Biologists |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning                                                                            |       |                                                                           |      |      |      |
| <b>Number of credits:</b> 1                                                                                                                                                                                                                                                      |       |                                                                           |      |      |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                                  |       |                                                                           |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                     |       |                                                                           |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                            |       |                                                                           |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                      |       |                                                                           |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                        |       |                                                                           |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                           |       |                                                                           |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                   |       |                                                                           |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                               |       |                                                                           |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                    |       |                                                                           |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 248                                                                                                                                                                                                        |       |                                                                           |      |      |      |
| A                                                                                                                                                                                                                                                                                | B     | C                                                                         | D    | E    | FX   |
| 44,35                                                                                                                                                                                                                                                                            | 29,84 | 14,52                                                                     | 4,03 | 3,23 | 4,03 |
| <b>Lecturers:</b> RNDr. Viera Poláčková, PhD., Mgr. Iveta Kmentová, PhD., Mgr. Dominika Krištofiková, PhD., PharmDr. Ivica Sigmundová, PhD., Mgr. Filip Bulko, PhD., Ing. Eva Veverková, CSc., Mgr. Bernard Mravec, PhD., Mgr. Viktória Némethová, PhD., Mgr. Peter Šramel, PhD. |       |                                                                           |      |      |      |
| <b>Last change:</b> 17.10.2022                                                                                                                                                                                                                                                   |       |                                                                           |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                              |       |                                                                           |      |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                   |      |      |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------|------|------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                   |      |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                   |      |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                   |      |      |       |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-138/22                                                                                                                                                         |       | <b>Course title:</b><br>Latinčina |      |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                   |      |      |       |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                   |      |      |       |
| <b>Recommended semester:</b> 1., 2..                                                                                                                                                               |       |                                   |      |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                   |      |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                   |      |      |       |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                   |      |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                   |      |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                   |      |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                   |      |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                   |      |      |       |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                   |      |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 132                                                                                                                          |       |                                   |      |      |       |
| A                                                                                                                                                                                                  | B     | C                                 | D    | E    | FX    |
| 61,36                                                                                                                                                                                              | 12,88 | 4,55                              | 6,06 | 3,03 | 12,12 |
| <b>Lecturers:</b> Mgr. Ivan Lábaj, PhD., RNDr. Tatiana Slováková, PhD.                                                                                                                             |       |                                   |      |      |       |
| <b>Last change:</b> 07.11.2022                                                                                                                                                                     |       |                                   |      |      |       |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                   |      |      |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |                                                     |     |      |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------|-----|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |                                                     |     |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |                                                     |     |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |                                                     |     |      |      |
| <b>Course ID:</b><br>PriF.KPI/N-XXXX-008/21                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | <b>Course title:</b><br>Man as a part of the nature |     |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                |     |                                                     |     |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |                                                     |     |      |      |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |                                                     |     |      |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |                                                     |     |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |                                                     |     |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |                                                     |     |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                                     |     |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                                                     |     |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |                                                     |     |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |                                                     |     |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                                                     |     |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 580                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                                     |     |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | B   | C                                                   | D   | E    | FX   |
| 90,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,0 | 0,0                                                 | 0,0 | 0,17 | 9,83 |
| <b>Lecturers:</b> RNDr. Martina Zvaríková, PhD., prof. RNDr. Pavel Dlapa, PhD., RNDr. Malvína Čierniková, PhD., prof. RNDr. Elena Masarovičová, DrSc., prof. PaedDr. Pavol Prokop, DrSc., prof. RNDr. Peter Fedor, DrSc., prof. Ing. Eva Chmielewská, CSc., RNDr. Martin Labuda, PhD., doc. RNDr. Eva Pauditšová, PhD., RNDr. Hubert Žarnovičan, PhD., doc. RNDr. Stanislav Rapant, DrSc., doc. RNDr. Ľubomír Jurkovič, PhD., doc. Mgr. Tomáš Lánczos, PhD., doc. RNDr. Katarína Pavličková, CSc. |     |                                                     |     |      |      |
| <b>Last change:</b> 09.11.2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |                                                     |     |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                     |     |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |
| <b>Course ID:</b><br>PriF-FMFI.KMANM/N-bBXX-080/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Course title:</b><br>Mathematics |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                     |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                     |
| <b>Course requirements:</b><br>During the semester, there will be 8 short tests for a total of 40 points. It will be possible to get another 40 points for active participation in lectures. The final paper consists of one 20-point paper. In order to obtain an A rating, it is necessary to obtain a total of at least 90 points, for B at least 80 points, for C at least 70 points, for D at least 60 points and for an E rating at least 50 points. The evaluation is identical in the distance form of education.<br>Scale of assessment (preliminary/final): 100/0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |
| <b>Learning outcomes:</b><br>Acquire basic mathematical methods, theories and knowledge used in research and practice.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                     |
| <b>Class syllabus:</b><br>Real numbers - properties.<br>Fundamentals of linear algebra: Matrix and its rank, basic operations. Determinant. Solution of a system of linear equations. Cramer's rule.<br>Real functions of a real variable: Elementary functions and their properties. Sequence and limits of sequences. Function limit. Continuity of function.<br>Derivation of a function: definition, geometric meaning, basic theorems. Derivatives of elementary functions. Derivatives of higher orders. L'Hospital's rule. The course of the function - monotonicity, convexity and concavity, stationary and inflection points, local extrema, asymptotes, graph.<br>Function integration: Primitive function and indefinite integral. Integration methods - per partes and substitution. Integration of some rational functions, decomposition into partial fractions. The concept of a definite integral and its basic properties. Newton-Leibniz formula. Per partes method and substitution method for certain integrals. Some applications of a certain integral - area of a planar region, length of a curve. |                                     |
| <b>Recommended literature:</b><br>Eliaš, J., Horváth, J. a Kajan, J.: Zbierka úloh z vyššej matematiky, 1. a 2. časť;<br>Kubáček, Z., Valášek, J.: Cvičenia z matematickej analýzy I, (VŠ skriptá MFF UK);<br>electronic study materials provided by the teacher                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                     |

|                                                                           |       |       |      |      |      |
|---------------------------------------------------------------------------|-------|-------|------|------|------|
| <b>Languages necessary to complete the course:</b><br>Slovak, English     |       |       |      |      |      |
| <b>Notes:</b>                                                             |       |       |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 589 |       |       |      |      |      |
| A                                                                         | B     | C     | D    | E    | FX   |
| 34,13                                                                     | 21,56 | 21,56 | 9,17 | 8,49 | 5,09 |
| <b>Lecturers:</b> RNDr. Kristína Rostás, PhD., prof. RNDr. Ján Filo, CSc. |       |       |      |      |      |
| <b>Last change:</b> 24.06.2022                                            |       |       |      |      |      |
| <b>Approved by:</b>                                                       |       |       |      |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                                                     |      |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------|------|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                                                     |      |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                                                     |      |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |                                                     |      |     |     |
| <b>Course ID:</b><br>PriF-FMFI.KAMŠ/N-bBXX-082/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       | <b>Course title:</b><br>Mathematics for the Biology |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                   |       |                                                     |      |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |                                                     |      |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                                                     |      |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                                     |      |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |                                                     |      |     |     |
| <b>Course requirements:</b><br>Continuous assessment: short quizzes, homework sets<br>Examination: written<br>Grade scale: A 90%, B 75%, C 60%, D 55%, E 40%<br>Scale of assessment (preliminary/final): 60/40                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                                     |      |     |     |
| <b>Learning outcomes:</b><br>Acquisition of basic knowledge about the possibilities and methods of using mathematics in biology, reading and drawing graphs, use of basic statistics. Ability to analyze simple problems using dynamic systems.                                                                                                                                                                                                                                                                                                                                                                                         |       |                                                     |      |     |     |
| <b>Class syllabus:</b><br>Principles of mathematical modeling in natural sciences. Data and their graphical display. Linear dependence, exponential and logarithmic functions and their practical use. Derivatives, integrals, vectors and matrices, their significance and practical use in models in cell biology, biochemistry, virology, molecular biology, genetics, ecology and other fields. Fundamentals of dynamical systems: acquaintance with concepts: system of ordinary differential equations, vector, matrix, phase portrait analysis, properties of equilibria and oscillations. Basics of probability and statistics. |       |                                                     |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                                     |      |     |     |
| <b>Languages necessary to complete the course:</b><br>Slovak, English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |                                                     |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |                                                     |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                                                     |      |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | B     | C                                                   | D    | E   | FX  |
| 26,47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 38,24 | 29,41                                               | 5,88 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Richard Kollár, PhD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |                                                     |      |     |     |

|                                |
|--------------------------------|
| <b>Last change:</b> 28.04.2022 |
| <b>Approved by:</b>            |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |       |                                             |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |       |                                             |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |       |                                             |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |       |                                             |     |     |     |
| <b>Course ID:</b><br>PriF.KOrCh/N-bBXX-019/22                                                                                                                                                                         |       | <b>Course title:</b><br>Medicinal Chemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |       |                                             |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                           |       |                                             |     |     |     |
| <b>Recommended semester:</b> 4., 6.                                                                                                                                                                                   |       |                                             |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |       |                                             |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |       |                                             |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |       |                                             |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |       |                                             |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |       |                                             |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |       |                                             |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |       |                                             |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |       |                                             |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 15                                                                                                                                              |       |                                             |     |     |     |
| A                                                                                                                                                                                                                     | B     | C                                           | D   | E   | FX  |
| 33,33                                                                                                                                                                                                                 | 46,67 | 20,0                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Andrej Boháč, CSc.                                                                                                                                                                       |       |                                             |     |     |     |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                                        |       |                                             |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |       |                                             |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                      |       |      |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------|-------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                      |       |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                      |       |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                      |       |      |      |
| <b>Course ID:</b><br>PriF.KMB/N-bBMO-008/22                                                                                                                                                        |       | <b>Course title:</b><br>Methods in Molecular Biology |       |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                      |       |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                                      |       |      |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |       |                                                      |       |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                      |       |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                      |       |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                      |       |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                      |       |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                      |       |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                      |       |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                      |       |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                      |       |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 75                                                                                                                           |       |                                                      |       |      |      |
| A                                                                                                                                                                                                  | B     | C                                                    | D     | E    | FX   |
| 34,67                                                                                                                                                                                              | 25,33 | 16,0                                                 | 13,33 | 5,33 | 5,33 |
| <b>Lecturers:</b> doc. Mgr. Andrea Šoltýsová, PhD., prof. RNDr. Hana Drahovská, PhD., doc. RNDr. Stanislav Stuchlík, PhD.                                                                          |       |                                                      |       |      |      |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                     |       |                                                      |       |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                      |       |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                               |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                               |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                               |
| <b>Course ID:</b><br>PriF.KBCh/N-bCBI-023/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Course title:</b><br>Methods in Molecular and Cell Biology |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                               |
| <b>Druh, rozsah, metódy a pracovná záťaž študenta - doplňujúce informácie</b><br>Form of Study: lecture / seminar<br>Number of contact hours:<br>per week: 2/2 per level/semester: 22 / 22<br>Form of the course: on-site learning, remote                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                               |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                               |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                               |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                               |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                               |
| <b>Course requirements:</b><br>There will be regular written tests during the semester. Credits will not be awarded to a student who gets less than 60% of the total marks in these tests. The subject will be completed by oral exam. The evaluation will be awarded as follows: A - excellent results, B - above average work, C - normal reliable work, D - acceptable results, E - results meeting the minimum criteria, Fx - insufficient results (unacceptably weak knowledge corresponding to less than 60% of the required subject range ).<br>Scale of assessment (preliminary/final): 0 / 100                                                                                                                                                                                                                                 |                                                               |
| <b>Learning outcomes:</b><br>After completing the course, students will have an overview of key methods and experimental approaches used in molecular and cell biology.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                               |
| <b>Class syllabus:</b><br>Principles of preparation of recombinant DNA molecules. Construction of gene libraries (genomic and cDNA). Properties and types of vectors. Recombinant selection and analysis.<br>Enzymes in recombinant DNA techniques.<br>Nucleic acid hybridization and preparation of molecular probes. Labeling of DNA and RNA molecules, radioactive and non-radioactive techniques. Southern and Northern blotting, in situ hybridization, subtractive hybridization, PNA and antisense probes. DNA microchip technology.<br>Polymerase chain reaction (PCR). Principle and variations of the technique: asymmetric PCR, inverse PCR, reverse transcriptase PCR, quantitative PCR. Isothermal amplification of nucleic acids.<br>Nucleic acid sequencing. First, second and third generation sequencing technologies. |                                                               |

| <p>In vitro and in vivo mutagenesis. Methods of site-directed mutagenesis and its practical use. Gene disruptions and gene replacements.</p> <p>Molecular evolution in vitro. Preparation of aptamers and nucleic acids with catalytic activity in vitro. SELEX.</p> <p>Principles of heterologous gene expression. Expression systems. Host strains. DNA transfer techniques into cells. Preparation of recombinant proteins.</p> <p>Methods for isolation and investigation of proteins (electrophoretic methods, native and denaturing electrophoresis, isoelectric focusing, chromatographic methods, Western blotting, immunological methods).</p> <p>Methods of protein interaction analysis (DNA-protein, RNA-protein, protein-protein: DNase I footprinting, gel retardation, NC filter binding assay, one-, two- and three-hybrid system, reverse two-hybrid system, chemical crosslinking).</p> <p>Microscopic methods (light, fluorescence and electron microscopy, use of green fluorescent protein).</p> |       |       |      |      |     |   |   |   |   |   |    |       |       |       |      |      |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------|------|-----|---|---|---|---|---|----|-------|-------|-------|------|------|-----|
| <p><b>Recommended literature:</b></p> <p>Watson et al. (2007) Recombinant DNA: Genes and Genomes – A short course. 3rd edition. CSHL Press.</p> <p>Alberts et al. (2014) Molecular Biology of the Cell, Garland Science.</p> <p>Lodish et al. (2016) Molecular Cell Biology. 8th Edition, W. H. Freeman and Company.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |       |      |      |     |   |   |   |   |   |    |       |       |       |      |      |     |
| <p><b>Languages necessary to complete the course:</b></p> <p>Slovak in combination with English (textbooks in English)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |       |      |      |     |   |   |   |   |   |    |       |       |       |      |      |     |
| <p><b>Notes:</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |       |      |      |     |   |   |   |   |   |    |       |       |       |      |      |     |
| <p><b>Past grade distribution</b></p> <p>Total number of evaluated students: 42</p> <table border="1"> <thead> <tr> <th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>FX</th></tr> </thead> <tbody> <tr> <td>42,86</td><td>28,57</td><td>16,67</td><td>9,52</td><td>2,38</td><td>0,0</td></tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |       |      |      |     | A | B | C | D | E | FX | 42,86 | 28,57 | 16,67 | 9,52 | 2,38 | 0,0 |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | B     | C     | D    | E    | FX  |   |   |   |   |   |    |       |       |       |      |      |     |
| 42,86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 28,57 | 16,67 | 9,52 | 2,38 | 0,0 |   |   |   |   |   |    |       |       |       |      |      |     |
| <p><b>Lecturers:</b> doc. Mgr. Peter Polčic, PhD., Ing. Martina Neboháčová, PhD., prof. RNDr. Jozef Nosek, DrSc., Mgr. Lucia Mentelová, PhD., Mgr. Katarína Procházková, PhD.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |       |      |      |     |   |   |   |   |   |    |       |       |       |      |      |     |
| <p><b>Last change:</b> 07.10.2022</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |       |      |      |     |   |   |   |   |   |    |       |       |       |      |      |     |
| <p><b>Approved by:</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |       |      |      |     |   |   |   |   |   |    |       |       |       |      |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                    |       |                                                   |       |      |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------|-------|------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                    |       |                                                   |       |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                  |       |                                                   |       |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                        |       |                                                   |       |      |       |
| <b>Course ID:</b><br>PriF.KMV/N-bBXX-029/22                                                                                                                                                                                                                                                                                        |       | <b>Course title:</b><br>Microbiology and Virology |       |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 4 / 3 <b>per level/semester:</b> 56 / 42<br><b>Form of the course:</b> on-site learning                                                                                                           |       |                                                   |       |      |       |
| <b>Number of credits:</b> 7                                                                                                                                                                                                                                                                                                        |       |                                                   |       |      |       |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                                                                                                    |       |                                                   |       |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                       |       |                                                   |       |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                              |       |                                                   |       |      |       |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                        |       |                                                   |       |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                          |       |                                                   |       |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                             |       |                                                   |       |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                     |       |                                                   |       |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                 |       |                                                   |       |      |       |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                      |       |                                                   |       |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 149                                                                                                                                                                                                                                                          |       |                                                   |       |      |       |
| A                                                                                                                                                                                                                                                                                                                                  | B     | C                                                 | D     | E    | FX    |
| 6,04                                                                                                                                                                                                                                                                                                                               | 12,08 | 14,09                                             | 24,83 | 25,5 | 17,45 |
| <b>Lecturers:</b> doc. RNDr. Tatiana Betáková, DrSc., prof. RNDr. Helena Bujdáková, CSc., RNDr. Jaroslava Dekkerová, PhD., prof. RNDr. Yvetta Gbelská, CSc., RNDr. Boris Klempa, DrSc., Mgr. Barbora Radochová, PhD., doc. RNDr. Peter Kabát, CSc., RNDr. Kamila Koči, PhD., PhDr. Eva Nováková, doc. RNDr. Nora Tóth Hervay, PhD. |       |                                                   |       |      |       |
| <b>Last change:</b> 12.09.2022                                                                                                                                                                                                                                                                                                     |       |                                                   |       |      |       |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                |       |                                                   |       |      |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                       |       |                                                |       |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------|-------|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                       |       |                                                |       |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                     |       |                                                |       |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |       |                                                |       |     |     |
| <b>Course ID:</b><br>PriF.KZ/N-bBXX-002/22                                                                                                                                                            |       | <b>Course title:</b><br>Microscopic techniques |       |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                |       |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                           |       |                                                |       |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                       |       |                                                |       |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                          |       |                                                |       |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |       |                                                |       |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |       |                                                |       |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |       |                                                |       |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |       |                                                |       |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |       |                                                |       |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |       |                                                |       |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |       |                                                |       |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 23                                                                                                                              |       |                                                |       |     |     |
| A                                                                                                                                                                                                     | B     | C                                              | D     | E   | FX  |
| 34,78                                                                                                                                                                                                 | 21,74 | 13,04                                          | 21,74 | 8,7 | 0,0 |
| <b>Lecturers:</b> Mgr. Matúš Kúdela, PhD., Mgr. Katarína Goffová, PhD.                                                                                                                                |       |                                                |       |     |     |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                        |       |                                                |       |     |     |
| <b>Approved by:</b>                                                                                                                                                                                   |       |                                                |       |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                           |       |       |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------|-------|-------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                          |       |                                           |       |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                        |       |                                           |       |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                           |       |       |      |
| <b>Course ID:</b><br>PriF.KMB/N-bBXX-048/22                                                                                                                                                                              |       | <b>Course title:</b><br>Molecular Biology |       |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 4 <b>per level/semester:</b> 28 / 56<br><b>Form of the course:</b> on-site learning |       |                                           |       |       |      |
| <b>Number of credits:</b> 7                                                                                                                                                                                              |       |                                           |       |       |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                          |       |                                           |       |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                           |       |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                           |       |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                           |       |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                           |       |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                           |       |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                           |       |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                           |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                           |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 162                                                                                                                                                |       |                                           |       |       |      |
| A                                                                                                                                                                                                                        | B     | C                                         | D     | E     | FX   |
| 27,16                                                                                                                                                                                                                    | 22,84 | 22,22                                     | 12,35 | 11,11 | 4,32 |
| <b>Lecturers:</b> prof. RNDr. Ján Turňa, CSc., doc. RNDr. Jozef Grönes, CSc., prof. RNDr. Hana Drahovská, PhD., doc. RNDr. Stanislav Stuchlík, PhD., doc. RNDr. Ján Krahulec, PhD.                                       |       |                                           |       |       |      |
| <b>Last change:</b> 24.07.2022                                                                                                                                                                                           |       |                                           |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                      |       |                                           |       |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                |      |                                           |       |      |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------|-------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                |      |                                           |       |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                              |      |                                           |       |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                    |      |                                           |       |      |      |
| <b>Course ID:</b><br>PriF.KOrCh/N-bBXX-026/22                                                                                                                                                                                                  |      | <b>Course title:</b><br>Natural Compounds |       |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning                          |      |                                           |       |      |      |
| <b>Druh, rozsah, metódy a pracovná záťaž študenta - doplňujúce informácie</b><br>Forma výučby: prednáška / seminár<br>Odporúčaný rozsah výučby (v hodinách):<br>Týždenný: 1 h / 1 h Za obdobie štúdia: 13 h / 13 h<br>Metóda štúdia: prezenčná |      |                                           |       |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                    |      |                                           |       |      |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                                                |      |                                           |       |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                   |      |                                           |       |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                          |      |                                           |       |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                    |      |                                           |       |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                      |      |                                           |       |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                         |      |                                           |       |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                 |      |                                           |       |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                             |      |                                           |       |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                  |      |                                           |       |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 16                                                                                                                                                                       |      |                                           |       |      |      |
| A                                                                                                                                                                                                                                              | B    | C                                         | D     | E    | FX   |
| 37,5                                                                                                                                                                                                                                           | 25,0 | 6,25                                      | 18,75 | 6,25 | 6,25 |
| <b>Lecturers:</b> Mgr. Ambroz Almásky, PhD.                                                                                                                                                                                                    |      |                                           |       |      |      |
| <b>Last change:</b> 14.09.2022                                                                                                                                                                                                                 |      |                                           |       |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                            |      |                                           |       |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                     |     |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                     |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                                     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                                     |     |     |     |
| <b>Course ID:</b><br>PriF.KGe/N-bBGE-011/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      | <b>Course title:</b><br>Optional Praxis in Genetics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                 |      |                                                     |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                                     |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                     |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                                     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                                                     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                                     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                                     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                                                     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                                                     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                                     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                                                     |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | B    | C                                                   | D   | E   | FX  |
| 97,22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2,78 | 0,0                                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Andrea Ševčovičová, PhD., prof. RNDr. Ľubomír Tomáška, DrSc., doc. RNDr. Vladimíra Džugasová, PhD., doc. RNDr. Eliška Gálová, PhD., Mgr. Katarína Gaplovská, PhD., Mgr. Lucia Mentelová, PhD., RNDr. Regina Sepšiová, PhD., doc. Mgr. Miroslava Slaninová Dr., Mgr. Silvia Bágeľová Poláková, PhD., Mgr. Katarína Procházková, PhD., Mgr. Filip Červenák PhD., Mgr. Stanislav Kyzek, PhD., Mgr. Ivana Ďurovcová, PhD., Mgr. Anetta Bakošová, PhD., Mgr. Veronika Vozáriková, Mgr. Zuzana Brzáčová, Mgr. Terézia Zajičková, Mgr. Katarína Veljačiková, Mgr. Mária Peťková |      |                                                     |     |     |     |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                     |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                                     |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                          |       |       |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------|-------|-------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                          |       |       |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                          |       |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                          |       |       |       |
| <b>Course ID:</b><br>PriF.KOrCh/N-bBXX-018/22                                                                                                                                                      |       | <b>Course title:</b><br>Organic Chemistry for Biologists |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                          |       |       |       |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                          |       |       |       |
| <b>Recommended semester:</b> 1.                                                                                                                                                                    |       |                                                          |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                          |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                          |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                          |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                          |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                          |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                          |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                          |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                          |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 245                                                                                                                          |       |                                                          |       |       |       |
| A                                                                                                                                                                                                  | B     | C                                                        | D     | E     | FX    |
| 24,9                                                                                                                                                                                               | 13,06 | 16,33                                                    | 11,43 | 16,33 | 17,96 |
| <b>Lecturers:</b> RNDr. Viera Poláčková, PhD.                                                                                                                                                      |       |                                                          |       |       |       |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                     |       |                                                          |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                          |       |       |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                          |       |                                                   |      |     |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------|------|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                          |       |                                                   |      |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                        |       |                                                   |      |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                              |       |                                                   |      |     |      |
| <b>Course ID:</b><br>PriF.KJCh/N-XXXX-011/21                                                                                                                                                                                             |       | <b>Course title:</b><br>Perspectives in Chemistry |      |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                       |       |                                                   |      |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                              |       |                                                   |      |     |      |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                                                  |       |                                                   |      |     |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                        |       |                                                   |      |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                    |       |                                                   |      |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                                              |       |                                                   |      |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                |       |                                                   |      |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                   |       |                                                   |      |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                           |       |                                                   |      |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                       |       |                                                   |      |     |      |
| <b>Notes:</b>                                                                                                                                                                                                                            |       |                                                   |      |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 22                                                                                                                                                                 |       |                                                   |      |     |      |
| A                                                                                                                                                                                                                                        | B     | C                                                 | D    | E   | FX   |
| 22,73                                                                                                                                                                                                                                    | 45,45 | 18,18                                             | 4,55 | 0,0 | 9,09 |
| <b>Lecturers:</b> RNDr. Marek Cigáň, PhD., doc. RNDr. Martin Putala, CSc., prof. Ing. Dušan Velič, DrSc., prof. RNDr. Ivan Černušák, DrSc., doc. RNDr. Erik Rakovský, PhD., Mgr. Peter Hrobárik, PhD., doc. RNDr. Oľga Roszkopfová, PhD. |       |                                                   |      |     |      |
| <b>Last change:</b> 07.11.2022                                                                                                                                                                                                           |       |                                                   |      |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                                      |       |                                                   |      |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |                                                      |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |                                                      |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                      |     |                                                      |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                                                      |     |     |     |
| <b>Course ID:</b><br>PriF.KBCh/N-XXXX-010/22                                                                                                                                                                                                                                                                                                                                                                                                                           |     | <b>Course title:</b><br>Perspectives of Biochemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                     |     |                                                      |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                                                      |     |     |     |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                                                                                                                                                                                                                                                                                                |     |                                                      |     |     |     |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |                                                      |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |                                                      |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                                                      |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |                                                      |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |                                                      |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                                      |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                                                      |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                                                      |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 17                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                      |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | B   | C                                                    | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0,0 | 0,0                                                  | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Marek Mentel, PhD., Mgr. Filip Brázdovič, PhD., Mgr. Andrea Cillingová, PhD., prof. RNDr. Anton Horváth, CSc., Mgr. Stanislav Huszár, PhD., Mgr. Petra Chovančíková, PhD., prof. RNDr. Marta Kollárová, DrSc., doc. RNDr. Jana Korduláková, PhD., prof. RNDr. Katarína Mikušová, DrSc., Ing. Martina Neboháčová, PhD., doc. Mgr. Peter Polčic, PhD., RNDr. Ingrid Sveráková, PhD., doc. RNDr. Igor Zeman, PhD., Mgr. Júlia Zemanová, PhD. |     |                                                      |     |     |     |
| <b>Last change:</b> 19.09.2022                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                                      |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |                                                      |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                          |       |                                                         |      |      |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                          |       |                                                         |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                        |       |                                                         |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                              |       |                                                         |      |      |      |
| <b>Course ID:</b><br>PriF.KFR/N-bBXX-002/22                                                                                                                                                                                                                                                                                                                                              |       | <b>Course title:</b><br>Perspectives of Current Biology |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                       |       |                                                         |      |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                              |       |                                                         |      |      |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                                                                                                                                          |       |                                                         |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                             |       |                                                         |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                    |       |                                                         |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                              |       |                                                         |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                |       |                                                         |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                   |       |                                                         |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                           |       |                                                         |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                       |       |                                                         |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                            |       |                                                         |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 254                                                                                                                                                                                                                                                                                                                |       |                                                         |      |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                                        | B     | C                                                       | D    | E    | FX   |
| 66,14                                                                                                                                                                                                                                                                                                                                                                                    | 15,35 | 8,27                                                    | 1,18 | 0,79 | 8,27 |
| <b>Lecturers:</b> doc. Mgr. Michal Martinka, PhD., prof. RNDr. Ľubomír Tomáška, DrSc., prof. RNDr. Karol Mičieta, PhD., doc. RNDr. Radoslav Beňuš, PhD., prof. RNDr. Ján Turňa, CSc., prof. RNDr. Michal Zeman, DrSc., doc. Mgr. Peter Vďačný, Dr.rer.nat, doc. RNDr. Stanislav Stuchlík, PhD., prof. RNDr. Yveta Gbelská, CSc., doc. RNDr. Tomáš Derka, PhD., RNDr. Boris Klempa, DrSc. |       |                                                         |      |      |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                                                                                                                                           |       |                                                         |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                      |       |                                                         |      |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |     |                                                                   |       |     |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------|-------|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |     |                                                                   |       |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |     |                                                                   |       |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |     |                                                                   |       |     |      |
| <b>Course ID:</b><br>PriF.KFTCh/N-bCFZ-036/22                                                                                                                                                                         |     | <b>Course title:</b><br>Physical Chemistry for Medical Biologists |       |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 3 / 2 <b>per level/semester:</b> 42 / 28<br><b>Form of the course:</b> on-site learning |     |                                                                   |       |     |      |
| <b>Number of credits:</b> 5                                                                                                                                                                                           |     |                                                                   |       |     |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                       |     |                                                                   |       |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                          |     |                                                                   |       |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |     |                                                                   |       |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                           |     |                                                                   |       |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |     |                                                                   |       |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                |     |                                                                   |       |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                        |     |                                                                   |       |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |     |                                                                   |       |     |      |
| <b>Notes:</b>                                                                                                                                                                                                         |     |                                                                   |       |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 6                                                                                                                                               |     |                                                                   |       |     |      |
| A                                                                                                                                                                                                                     | B   | C                                                                 | D     | E   | FX   |
| 16,67                                                                                                                                                                                                                 | 0,0 | 16,67                                                             | 16,67 | 0,0 | 50,0 |
| <b>Lecturers:</b> doc. RNDr. Ivan Valent, CSc., prof. Ing. Dušan Velič, DrSc., doc. Ing. Marián Janek, PhD.                                                                                                           |     |                                                                   |       |     |      |
| <b>Last change:</b> 22.09.2022                                                                                                                                                                                        |     |                                                                   |       |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                   |     |                                                                   |       |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                         |      |                                              |     |     |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                         |      |                                              |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                       |      |                                              |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                             |      |                                              |     |     |      |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-101/22                                                                                                                                                                                                                             |      | <b>Course title:</b><br>Physical Education 1 |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week: 2 per level/semester: 28</b><br><b>Form of the course:</b> on-site learning                                                                          |      |                                              |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                             |      |                                              |     |     |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                         |      |                                              |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                            |      |                                              |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                   |      |                                              |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                             |      |                                              |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                               |      |                                              |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                  |      |                                              |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                          |      |                                              |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                      |      |                                              |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                           |      |                                              |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 365                                                                                                                                                                                               |      |                                              |     |     |      |
| A                                                                                                                                                                                                                                                                       | B    | C                                            | D   | E   | FX   |
| 92,05                                                                                                                                                                                                                                                                   | 1,64 | 0,27                                         | 0,0 | 0,0 | 6,03 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Šed'ová |      |                                              |     |     |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                          |      |                                              |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                     |      |                                              |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                        |     |                                              |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                        |     |                                              |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                      |     |                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                            |     |                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-102/22                                                                                                                                                                                                                            |     | <b>Course title:</b><br>Physical Education 2 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                  |     |                                              |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                            |     |                                              |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                                        |     |                                              |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                           |     |                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                  |     |                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                            |     |                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                              |     |                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                 |     |                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                         |     |                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                     |     |                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                          |     |                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 153                                                                                                                                                                                              |     |                                              |     |     |     |
| A                                                                                                                                                                                                                                                                      | B   | C                                            | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                                                  | 0,0 | 0,0                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Šeďová |     |                                              |     |     |     |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                         |     |                                              |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                    |     |                                              |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                        |      |                                              |     |     |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                        |      |                                              |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                      |      |                                              |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                            |      |                                              |     |     |      |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-103/22                                                                                                                                                                                                                            |      | <b>Course title:</b><br>Physical Education 3 |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week: 2 per level/semester: 28</b><br><b>Form of the course:</b> on-site learning                                                                         |      |                                              |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                            |      |                                              |     |     |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                        |      |                                              |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                           |      |                                              |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                  |      |                                              |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                            |      |                                              |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                              |      |                                              |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                 |      |                                              |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                         |      |                                              |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                     |      |                                              |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                          |      |                                              |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 211                                                                                                                                                                                              |      |                                              |     |     |      |
| A                                                                                                                                                                                                                                                                      | B    | C                                            | D   | E   | FX   |
| 95,26                                                                                                                                                                                                                                                                  | 0,47 | 0,95                                         | 0,0 | 0,0 | 3,32 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Šeďová |      |                                              |     |     |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                         |      |                                              |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                    |      |                                              |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                         |     |                                              |     |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                         |     |                                              |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                       |     |                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                             |     |                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-104/22                                                                                                                                                                                                                             |     | <b>Course title:</b><br>Physical Education 4 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                   |     |                                              |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                             |     |                                              |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                                                                         |     |                                              |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                            |     |                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                   |     |                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                             |     |                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                               |     |                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                  |     |                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                          |     |                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                      |     |                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                           |     |                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 178                                                                                                                                                                                               |     |                                              |     |     |     |
| A                                                                                                                                                                                                                                                                       | B   | C                                            | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                                                   | 0,0 | 0,0                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Šed'ová |     |                                              |     |     |     |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                          |     |                                              |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                     |     |                                              |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                        |     |                                              |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                        |     |                                              |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                      |     |                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                            |     |                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-105/22                                                                                                                                                                                                                            |     | <b>Course title:</b><br>Physical Education 5 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                  |     |                                              |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                            |     |                                              |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                                                                        |     |                                              |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                           |     |                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                  |     |                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                            |     |                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                              |     |                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                 |     |                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                         |     |                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                     |     |                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                          |     |                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 154                                                                                                                                                                                              |     |                                              |     |     |     |
| A                                                                                                                                                                                                                                                                      | B   | C                                            | D   | E   | FX  |
| 96,1                                                                                                                                                                                                                                                                   | 1,3 | 0,0                                          | 0,0 | 0,0 | 2,6 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Šeďová |     |                                              |     |     |     |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                         |     |                                              |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                    |     |                                              |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                         |     |                                              |     |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                         |     |                                              |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                       |     |                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                             |     |                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-106/22                                                                                                                                                                                                                             |     | <b>Course title:</b><br>Physical Education 6 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                   |     |                                              |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                             |     |                                              |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                                                                         |     |                                              |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                            |     |                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                   |     |                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                             |     |                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                               |     |                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                  |     |                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                          |     |                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                      |     |                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                           |     |                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 123                                                                                                                                                                                               |     |                                              |     |     |     |
| A                                                                                                                                                                                                                                                                       | B   | C                                            | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                                                   | 0,0 | 0,0                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Šed'ová |     |                                              |     |     |     |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                          |     |                                              |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                     |     |                                              |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                 |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                 |
| <b>Course ID:</b><br>PriF-FMFI.KEF/N-bBXX-081/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Course title:</b><br>Physics |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                 |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                 |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                 |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                 |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                 |
| <b>Course requirements:</b><br>continuous assessment: controlled test in the middle of the semester,<br>final assessment: written test,<br>Indicative rating scale: A 95%, B 90%, C 80%, D 70%, E 60%.<br>Credits will not be awarded to a student who obtains a grade of less than 60%.<br>Scale of assessment (preliminary/final): 20/80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                 |
| <b>Learning outcomes:</b><br>Extension and deepening of knowledge from selected parts of high school physics so that the student can use the acquired knowledge in solving physics problems and reach the required entry level required for the subject Physics for Chemistry in next term.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                 |
| <b>Class syllabus:</b><br>System of SI units, dimensional analysis. necessary mathematical apparatus, point mass and determination of its position in 1D, 2D, 3D; Mass point motions: velocity, acceleration, force, Newton's laws of dynamics. circular motion, oscillations and waves. Kinetic and potential energy, momentum, work, power, conservation laws in mechanics, torque, pressure, hydrostatics, hydrodynamics. Temperature, heat, gas statistics, thermodynamics. Gravitational field, Kepler's laws. Electric field, Coulomb's law, intensity and potential of el. field, el. voltage, homogeneous el. field, el. current and resistance. Magnetic field - a vector of magnetic induction, the force acting on an electric charge (current) in a magnetic field, electromagnetic induction, electromagnetic radiation, |                                 |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                 |
| <b>Languages necessary to complete the course:</b><br>Slovak in combination with English (study literature also in English)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                 |
| <b>Notes:</b><br>The elective course is provided only in the winter semester and runs concurrently for students of chemistry, biochemistry and medical biology.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                 |

|                                                     |       |      |      |     |      |
|-----------------------------------------------------|-------|------|------|-----|------|
| <b>Past grade distribution</b>                      |       |      |      |     |      |
| Total number of evaluated students: 379             |       |      |      |     |      |
| A                                                   | B     | C    | D    | E   | FX   |
| 64,64                                               | 24,01 | 4,22 | 3,96 | 2,9 | 0,26 |
| <b>Lecturers:</b> doc. RNDr. Tomáš Roch, Dr. techn. |       |      |      |     |      |
| <b>Last change:</b> 17.10.2022                      |       |      |      |     |      |
| <b>Approved by:</b>                                 |       |      |      |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                  |     |     |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                  |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                  |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                  |     |     |      |
| <b>Course ID:</b><br>PriF.KBo/N-XXXX-003/21                                                                                                                                                        |       | <b>Course title:</b><br>Plants known and unknown |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                  |     |     |      |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                                  |     |     |      |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                            |       |                                                  |     |     |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                  |       |                                                  |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                  |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                  |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                  |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                  |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                  |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                  |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                  |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 460                                                                                                                          |       |                                                  |     |     |      |
| A                                                                                                                                                                                                  | B     | C                                                | D   | E   | FX   |
| 70,43                                                                                                                                                                                              | 21,96 | 3,7                                              | 0,0 | 0,0 | 3,91 |
| <b>Lecturers:</b> Ing. Mgr. Eva Zahradníková, PhD., doc. Mgr. Katarína Mišíková, PhD., doc. RNDr. Jana Ščevková, PhD.                                                                              |       |                                                  |     |     |      |
| <b>Last change:</b> 30.08.2022                                                                                                                                                                     |       |                                                  |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                  |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                       |       |                                                            |       |       |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------|-------|-------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                       |       |                                                            |       |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                     |       |                                                            |       |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |       |                                                            |       |       |      |
| <b>Course ID:</b><br>PriF.KMB/N-bBXX-033/22                                                                                                                                                           |       | <b>Course title:</b><br>Practical Course in Human Genetics |       |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |       |                                                            |       |       |      |
| <b>Number of credits:</b> 3                                                                                                                                                                           |       |                                                            |       |       |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                                       |       |                                                            |       |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                          |       |                                                            |       |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                 |       |                                                            |       |       |      |
| <b>Course requirements:</b>                                                                                                                                                                           |       |                                                            |       |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                             |       |                                                            |       |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                |       |                                                            |       |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                        |       |                                                            |       |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |       |                                                            |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                         |       |                                                            |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 93                                                                                                                              |       |                                                            |       |       |      |
| A                                                                                                                                                                                                     | B     | C                                                          | D     | E     | FX   |
| 10,75                                                                                                                                                                                                 | 22,58 | 22,58                                                      | 18,28 | 20,43 | 5,38 |
| <b>Lecturers:</b> Mgr. Marián Baldovič, PhD., doc. Mgr. Andrej Ficek, PhD.                                                                                                                            |       |                                                            |       |       |      |
| <b>Last change:</b> 09.11.2022                                                                                                                                                                        |       |                                                            |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                   |       |                                                            |       |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                 |     |                                                                    |     |     |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------|-----|-----|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                 |     |                                                                    |     |     |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                               |     |                                                                    |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                     |     |                                                                    |     |     |       |
| <b>Course ID:</b><br>PriF.KRGRR/N-XXXX-002/21                                                                                                                                                                                                                                                                                                                                   |     | <b>Course title:</b><br>Practical Geography for Natural Scientists |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning                                                                                                                                                           |     |                                                                    |     |     |       |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                     |     |                                                                    |     |     |       |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                                                                                                                                                                                         |     |                                                                    |     |     |       |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                                                                                                                                                               |     |                                                                    |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                           |     |                                                                    |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                     |     |                                                                    |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                       |     |                                                                    |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                          |     |                                                                    |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                  |     |                                                                    |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                              |     |                                                                    |     |     |       |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                   |     |                                                                    |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 43                                                                                                                                                                                                                                                                                                        |     |                                                                    |     |     |       |
| A                                                                                                                                                                                                                                                                                                                                                                               | B   | C                                                                  | D   | E   | FX    |
| 83,72                                                                                                                                                                                                                                                                                                                                                                           | 0,0 | 0,0                                                                | 0,0 | 0,0 | 16,28 |
| <b>Lecturers:</b> Mgr. Rastislav Cákoci, PhD., RNDr. Katarína Danielová, PhD., doc. RNDr. Daniel Gurňák, PhD., doc. RNDr. František Križan, PhD., doc. RNDr. Eva Rajčáková, CSc., Mgr. Michala Sládeková Madajová, PhD., RNDr. Angelika Švecová, PhD., Mgr. Martin Šveda, PhD., prof. RNDr. Ladislav Tolmáči, PhD., RNDr. Mgr. Anna Tolmáči, PhD., Mgr. Gabriel Zubriczký, PhD. |     |                                                                    |     |     |       |
| <b>Last change:</b> 15.05.2021                                                                                                                                                                                                                                                                                                                                                  |     |                                                                    |     |     |       |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                             |     |                                                                    |     |     |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                                        |      |     |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------|------|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                            |       |                                                        |      |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                          |       |                                                        |      |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                |       |                                                        |      |     |      |
| <b>Course ID:</b><br>PriF.KIHG/N-XXXX-012/21                                                                                                                                                                                                                                                                                                                                                               |       | <b>Course title:</b><br>Practical Geology for Everyone |      |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                         |       |                                                        |      |     |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                |       |                                                        |      |     |      |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                                                                                                                                                                                                                    |       |                                                        |      |     |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                                                                                                                                                                                          |       |                                                        |      |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                      |       |                                                        |      |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                |       |                                                        |      |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                  |       |                                                        |      |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                     |       |                                                        |      |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                             |       |                                                        |      |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                         |       |                                                        |      |     |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                              |       |                                                        |      |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 35                                                                                                                                                                                                                                                                                                                                   |       |                                                        |      |     |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                          | B     | C                                                      | D    | E   | FX   |
| 65,71                                                                                                                                                                                                                                                                                                                                                                                                      | 11,43 | 8,57                                                   | 5,71 | 0,0 | 8,57 |
| <b>Lecturers:</b> doc. RNDr. Renáta Fľaková, PhD., doc. RNDr. Renáta Adamcová, PhD., prof. RNDr. Roman Pašteka, PhD., prof. RNDr. Martin Bednarik, PhD., doc. RNDr. Dávid Krčmář, PhD., doc. RNDr. Andrej Mojzeš, PhD., RNDr. Ivana Ondrejková, PhD., doc. Mgr. Vladimír Greif, PhD., Mgr. Rudolf Tornyai, PhD., RNDr. Tatiana Durmeková, PhD., Mgr. Martin Zatlakovič, PhD., doc. RNDr. Milan Seman, CSc. |       |                                                        |      |     |      |
| <b>Last change:</b> 18.09.2022                                                                                                                                                                                                                                                                                                                                                                             |       |                                                        |      |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                        |       |                                                        |      |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                       |       |                                                               |       |      |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------|-------|------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                       |       |                                                               |       |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                     |       |                                                               |       |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |       |                                                               |       |      |       |
| <b>Course ID:</b><br>PriF.KAgCh/N-bBXX-021/22                                                                                                                                                         |       | <b>Course title:</b><br>Practical in Chemistry for Biologists |       |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning |       |                                                               |       |      |       |
| <b>Number of credits:</b> 1                                                                                                                                                                           |       |                                                               |       |      |       |
| <b>Recommended semester:</b> 1.                                                                                                                                                                       |       |                                                               |       |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                          |       |                                                               |       |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                                 |       |                                                               |       |      |       |
| <b>Course requirements:</b>                                                                                                                                                                           |       |                                                               |       |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                             |       |                                                               |       |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                                |       |                                                               |       |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                        |       |                                                               |       |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |       |                                                               |       |      |       |
| <b>Notes:</b>                                                                                                                                                                                         |       |                                                               |       |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 245                                                                                                                             |       |                                                               |       |      |       |
| A                                                                                                                                                                                                     | B     | C                                                             | D     | E    | FX    |
| 24,49                                                                                                                                                                                                 | 20,41 | 19,59                                                         | 11,02 | 6,53 | 17,96 |
| <b>Lecturers:</b> RNDr. Jana Chrappová, PhD., Mgr. Dominika Lacušková, doc. RNDr. Erik Rakovský, PhD., Mgr. Olivier Monfort, PhD., Mgr. Martin Motola, PhD., RNDr. Zuzana Matkovičová, PhD.           |       |                                                               |       |      |       |
| <b>Last change:</b> 09.10.2022                                                                                                                                                                        |       |                                                               |       |      |       |
| <b>Approved by:</b>                                                                                                                                                                                   |       |                                                               |       |      |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                                                                         |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                          |     |                                                                                         |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                        |     |                                                                                         |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                                                                         |     |     |     |
| <b>Course ID:</b><br>PriF.KAlCh/N-bBXX-020/22                                                                                                                                                                            |     | <b>Course title:</b><br>Principles of Measurement of Chemical Substances for Biologists |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |     |                                                                                         |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                                                              |     |                                                                                         |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                          |     |                                                                                         |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                                                                         |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                                                                         |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                                                                         |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                                                                         |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                                                                         |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                                                                         |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                                                                         |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                                                                         |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                                                  |     |                                                                                         |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                                                                       | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                      | 0,0 | 100,0                                                                                   | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Róbert Góra, PhD., doc. RNDr. Róbert Bodor, PhD., doc. RNDr. Andrea Vojs Staňová, PhD., RNDr. Csilla Mišľanová, PhD., prof. RNDr. Marian Masár, PhD., doc. RNDr. Radoslav Halko, PhD.       |     |                                                                                         |     |     |     |
| <b>Last change:</b> 30.09.2022                                                                                                                                                                                           |     |                                                                                         |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                      |     |                                                                                         |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                   |     |     |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                   |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                   |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                   |     |     |      |
| <b>Course ID:</b><br>PriF.KGe/N-bBGE-007/22                                                                                                                                                        |     | <b>Course title:</b><br>Problem tasks in genetics |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning |     |                                                   |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                   |     |     |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                    |     |                                                   |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                   |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                   |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                   |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                   |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                   |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                   |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                   |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                   |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 131                                                                                                                          |     |                                                   |     |     |      |
| A                                                                                                                                                                                                  | B   | C                                                 | D   | E   | FX   |
| 94,66                                                                                                                                                                                              | 0,0 | 0,0                                               | 0,0 | 0,0 | 5,34 |
| <b>Lecturers:</b> doc. RNDr. Vladimíra Džugasová, PhD., doc. RNDr. Eliška Gálová, PhD., RNDr. Regina Sepšiová, PhD., doc. RNDr. Andrea Ševčovičová, PhD.                                           |     |                                                   |     |     |      |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                     |     |                                                   |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                   |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                       |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                       |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                       |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                       |     |     |     |
| <b>Course ID:</b><br>PriF.KMB/N-bBXX-032/22                                                                                                                                                        |       | <b>Course title:</b><br>Regulation of Gene Expression |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                       |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                                       |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |       |                                                       |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                       |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                       |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                       |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                       |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                       |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                       |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                       |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                       |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 70                                                                                                                           |       |                                                       |     |     |     |
| A                                                                                                                                                                                                  | B     | C                                                     | D   | E   | FX  |
| 54,29                                                                                                                                                                                              | 37,14 | 8,57                                                  | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Ján Turňa, CSc., prof. RNDr. Hana Drahovská, PhD., doc. RNDr. Stanislav Stuchlík, PhD.                                                                               |       |                                                       |     |     |     |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                     |       |                                                       |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                       |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                         |     |                                       |     |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                         |     |                                       |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                       |     |                                       |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                             |     |                                       |     |     |     |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-110/22                                                                                                                                                             |     | <b>Course title:</b><br>River rafting |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> other<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 3d<br><b>Form of the course:</b> on-site learning          |     |                                       |     |     |     |
| <b>Number of credits:</b> 1                                                                                                                                                                             |     |                                       |     |     |     |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                                 |     |                                       |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                            |     |                                       |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                   |     |                                       |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                             |     |                                       |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                               |     |                                       |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                  |     |                                       |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                          |     |                                       |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                      |     |                                       |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                           |     |                                       |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 6                                                                                                                                 |     |                                       |     |     |     |
| A                                                                                                                                                                                                       | B   | C                                     | D   | E   | FX  |
| 100,0                                                                                                                                                                                                   | 0,0 | 0,0                                   | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Denisa Šed'ová |     |                                       |     |     |     |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                          |     |                                       |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                     |     |                                       |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                    |      |                                                                         |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                    |      |                                                                         |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                  |      |                                                                         |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                        |      |                                                                         |     |     |     |
| <b>Course ID:</b><br>PriF.KMV/N-bBMI-904/22                                                                                                                                                                                                        |      | <b>Course title:</b><br>Seminar for Bachelor Thesis in Microbiology (2) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                 |      |                                                                         |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                        |      |                                                                         |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                                                    |      |                                                                         |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                       |      |                                                                         |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                              |      |                                                                         |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                        |      |                                                                         |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                          |      |                                                                         |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                             |      |                                                                         |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                     |      |                                                                         |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                 |      |                                                                         |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                      |      |                                                                         |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 10                                                                                                                                                                           |      |                                                                         |     |     |     |
| A                                                                                                                                                                                                                                                  | B    | C                                                                       | D   | E   | FX  |
| 90,0                                                                                                                                                                                                                                               | 10,0 | 0,0                                                                     | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Helena Bujdáková, CSc., RNDr. Jaroslava Dekkerová, PhD., prof. RNDr. Yveta Gbelská, CSc., RNDr. Kamila Koči, PhD., Mgr. Barbora Radochová, PhD., doc. RNDr. Nora Tóth Hervay, PhD., doc. RNDr. Katarína Šoltys, PhD. |      |                                                                         |     |     |     |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                                                                     |      |                                                                         |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                |      |                                                                         |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                      |     |                                                                     |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                      |     |                                                                     |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                    |     |                                                                     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                          |     |                                                                     |     |     |     |
| <b>Course ID:</b><br>PriF.KMV/N-bBVI-904/22                                                                                                                                                                                          |     | <b>Course title:</b><br>Seminar for Bachelor Thesis in Virology (2) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                   |     |                                                                     |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                          |     |                                                                     |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                                      |     |                                                                     |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                         |     |                                                                     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                |     |                                                                     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                          |     |                                                                     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                            |     |                                                                     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                               |     |                                                                     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                       |     |                                                                     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                   |     |                                                                     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                        |     |                                                                     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 10                                                                                                                                                             |     |                                                                     |     |     |     |
| A                                                                                                                                                                                                                                    | B   | C                                                                   | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                | 0,0 | 0,0                                                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Tatiana Betáková, DrSc., doc. RNDr. Peter Kabát, CSc., RNDr. Boris Klempa, DrSc., RNDr. Kamila Koči, PhD., PhDr. Eva Nováková, doc. RNDr. Miroslava Šupolíková, PhD., doc. RNDr. František Golais, CSc. |     |                                                                     |     |     |     |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                                                       |     |                                                                     |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                  |     |                                                                     |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                                        |      |     |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------|------|-----|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                                        |      |     |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                                        |      |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                                        |      |     |       |
| <b>Course ID:</b><br>PriF.KAlCh/N-bCAL-042/22                                                                                                                                                      |       | <b>Course title:</b><br>Seminar in Analytical Chemistry for Biologists |      |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning |       |                                                                        |      |     |       |
| <b>Number of credits:</b> 1                                                                                                                                                                        |       |                                                                        |      |     |       |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |       |                                                                        |      |     |       |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                                        |      |     |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                                        |      |     |       |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                                        |      |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                                        |      |     |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                                        |      |     |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                                        |      |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                                        |      |     |       |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                                        |      |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 98                                                                                                                           |       |                                                                        |      |     |       |
| A                                                                                                                                                                                                  | B     | C                                                                      | D    | E   | FX    |
| 38,78                                                                                                                                                                                              | 24,49 | 16,33                                                                  | 3,06 | 5,1 | 12,24 |
| <b>Lecturers:</b> RNDr. Renáta Górová, PhD., RNDr. Helena Jurdáková, PhD., RNDr. Katarína Chovancová, PhD., RNDr. Jaroslav Blaško, PhD.                                                            |       |                                                                        |      |     |       |
| <b>Last change:</b> 07.09.2022                                                                                                                                                                     |       |                                                                        |      |     |       |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                                        |      |     |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                        |       |                                                                     |       |      |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------|-------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                        |       |                                                                     |       |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                      |       |                                                                     |       |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                            |       |                                                                     |       |      |      |
| <b>Course ID:</b><br>PriF.KOrCh/N-bBXX-024/22                                                                                                                                                                                                                                          |       | <b>Course title:</b><br>Seminar in Organic Chemistry for Biologists |       |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                                     |       |                                                                     |       |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                            |       |                                                                     |       |      |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                                        |       |                                                                     |       |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                           |       |                                                                     |       |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                  |       |                                                                     |       |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                            |       |                                                                     |       |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                              |       |                                                                     |       |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                 |       |                                                                     |       |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                         |       |                                                                     |       |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                     |       |                                                                     |       |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                          |       |                                                                     |       |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 229                                                                                                                                                                                                              |       |                                                                     |       |      |      |
| A                                                                                                                                                                                                                                                                                      | B     | C                                                                   | D     | E    | FX   |
| 34,5                                                                                                                                                                                                                                                                                   | 23,58 | 17,9                                                                | 10,04 | 9,61 | 4,37 |
| <b>Lecturers:</b> RNDr. Viera Poláčková, PhD., Mgr. Iveta Kmentová, PhD., Mgr. Peter Šramel, PhD.,<br>Ing. Eva Veverková, CSc., Mgr. Filip Bulko, PhD., Mgr. Dominika Krištofiková, PhD., Mgr.<br>Bernard Mravec, PhD., Mgr. Viktória Némethová, PhD., PharmDr. Ivica Sigmundová, PhD. |       |                                                                     |       |      |      |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                                                                                                         |       |                                                                     |       |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                    |       |                                                                     |       |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                  |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                  |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                  |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                  |     |     |     |
| <b>Course ID:</b><br>PriF.KMB/N-bBXX-031/22                                                                                                                                                        |       | <b>Course title:</b><br>Seminar on Biotechnology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                  |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                  |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |       |                                                  |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                            |       |                                                  |     |     |     |
| A                                                                                                                                                                                                  | B     | C                                                | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 100,0 | 0,0                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Ján Turňa, CSc., doc. RNDr. Ján Krahulec, PhD., doc. RNDr. Stanislav Stuchlík, PhD., Mgr. Zdenko Levarski, PhD., Mgr. Eva Struhárňanská, PhD.                        |       |                                                  |     |     |     |
| <b>Last change:</b> 24.07.2022                                                                                                                                                                     |       |                                                  |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                  |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                           |     |                                                            |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                           |     |                                                            |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                         |     |                                                            |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                               |     |                                                            |     |     |     |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-108/22                                                                                                                                                               |     | <b>Course title:</b><br>Summer Physical-Education Training |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> training session<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 5d<br><b>Form of the course:</b> on-site learning |     |                                                            |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                               |     |                                                            |     |     |     |
| <b>Recommended semester:</b> 2., 4.                                                                                                                                                                       |     |                                                            |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                              |     |                                                            |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                     |     |                                                            |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                               |     |                                                            |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                 |     |                                                            |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                    |     |                                                            |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                            |     |                                                            |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                        |     |                                                            |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                             |     |                                                            |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                                                   |     |                                                            |     |     |     |
| A                                                                                                                                                                                                         | B   | C                                                          | D   | E   | FX  |
| 100,0                                                                                                                                                                                                     | 0,0 | 0,0                                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Denisa Šed'ová   |     |                                                            |     |     |     |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                            |     |                                                            |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                       |     |                                                            |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                           |     |     |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                           |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                           |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                           |     |     |      |
| <b>Course ID:</b><br>PriF.KZ/N-XXXX-006/21                                                                                                                                                         |       | <b>Course title:</b><br>Theory of species |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                           |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                           |     |     |      |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                            |       |                                           |     |     |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                  |       |                                           |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                           |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                           |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                           |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                           |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                           |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                           |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                           |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 82                                                                                                                           |       |                                           |     |     |      |
| A                                                                                                                                                                                                  | B     | C                                         | D   | E   | FX   |
| 75,61                                                                                                                                                                                              | 14,63 | 2,44                                      | 0,0 | 0,0 | 7,32 |
| <b>Lecturers:</b> doc. Mgr. Peter Vďačný, Dr.rer.nat                                                                                                                                               |       |                                           |     |     |      |
| <b>Last change:</b> 07.11.2022                                                                                                                                                                     |       |                                           |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                           |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                          |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                          |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                          |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                          |     |     |     |
| <b>Course ID:</b><br>PriF.KGe/N-bBGE-008/22                                                                                                                                                        |     | <b>Course title:</b><br>Timing and design of experiments |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                          |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                          |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |     |                                                          |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                          |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                          |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                          |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                          |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                          |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                          |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                          |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                          |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 25                                                                                                                           |     |                                                          |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                        | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                      | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Miroslava Slaninová, Dr., Mgr. Lucia Mentelová, PhD., Mgr. Filip Červenák, PhD.                                                                                        |     |                                                          |     |     |     |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                     |     |                                                          |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                          |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                           |     |                                                            |     |     |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------|-----|-----|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                           |     |                                                            |     |     |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                         |     |                                                            |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                               |     |                                                            |     |     |       |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-107/22                                                                                                                                                               |     | <b>Course title:</b><br>Winter Physical-Education Training |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> training session<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 5d<br><b>Form of the course:</b> on-site learning |     |                                                            |     |     |       |
| <b>Number of credits:</b> 2                                                                                                                                                                               |     |                                                            |     |     |       |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                   |     |                                                            |     |     |       |
| <b>Educational level:</b> I.                                                                                                                                                                              |     |                                                            |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                                                     |     |                                                            |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                                               |     |                                                            |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                 |     |                                                            |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                                                    |     |                                                            |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                                            |     |                                                            |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                        |     |                                                            |     |     |       |
| <b>Notes:</b>                                                                                                                                                                                             |     |                                                            |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 140                                                                                                                                 |     |                                                            |     |     |       |
| A                                                                                                                                                                                                         | B   | C                                                          | D   | E   | FX    |
| 59,29                                                                                                                                                                                                     | 0,0 | 0,0                                                        | 0,0 | 0,0 | 40,71 |
| <b>Lecturers:</b> PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková                        |     |                                                            |     |     |       |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                            |     |                                                            |     |     |       |
| <b>Approved by:</b>                                                                                                                                                                                       |     |                                                            |     |     |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                         |     |                                                 |     |     |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------|-----|-----|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                         |     |                                                 |     |     |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                       |     |                                                 |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                             |     |                                                 |     |     |       |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-109/22                                                                                                                                                             |     | <b>Course title:</b><br>Ďumbier mountain hiking |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> other<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 3d<br><b>Form of the course:</b> on-site learning          |     |                                                 |     |     |       |
| <b>Number of credits:</b> 1                                                                                                                                                                             |     |                                                 |     |     |       |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                 |     |                                                 |     |     |       |
| <b>Educational level:</b> I.                                                                                                                                                                            |     |                                                 |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                                                   |     |                                                 |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                                             |     |                                                 |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                                               |     |                                                 |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                                                  |     |                                                 |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                                          |     |                                                 |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                      |     |                                                 |     |     |       |
| <b>Notes:</b>                                                                                                                                                                                           |     |                                                 |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 155                                                                                                                               |     |                                                 |     |     |       |
| A                                                                                                                                                                                                       | B   | C                                               | D   | E   | FX    |
| 64,52                                                                                                                                                                                                   | 0,0 | 0,0                                             | 0,0 | 0,0 | 35,48 |
| <b>Lecturers:</b> PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Denisa Šed'ová |     |                                                 |     |     |       |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                          |     |                                                 |     |     |       |
| <b>Approved by:</b>                                                                                                                                                                                     |     |                                                 |     |     |       |