

## 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-001/22 | Green University 1.....                                | 63  |
| 61. N-bXXX-002/22 | 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 | Latin.....                                             | 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-bBGE-007/22  | Problem tasks in genetics.....                                                 | 105 |
| 99. N-bBXX-032/22  | Regulation of Gene Expression.....                                             | 106 |
| 100. N-bXTV-110/22 | River rafting.....                                                             | 107 |
| 101. N-bBMI-904/22 | Seminar for Bachelor Thesis in Microbiology (2).....                           | 108 |
| 102. N-bBVI-904/22 | Seminar for Bachelor Thesis in Virology (2).....                               | 109 |
| 103. N-bCAL-042/22 | Seminar in Analytical Chemistry for Biologists.....                            | 110 |
| 104. N-bBXX-024/22 | Seminar in Organic Chemistry for Biologists.....                               | 111 |
| 105. N-bBXX-031/22 | Seminar on Biotechnology.....                                                  | 112 |
| 106. N-bXXX-003/23 | Soft-skills: Scientific Literacy and Communication in Natural<br>Sciences..... | 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-bXCJ-140/23 | UNIcert preparatory course 1.....                                              | 117 |
| 111. N-bXCJ-141/23 | UNIcert preparatory course 2.....                                              | 118 |
| 112. N-bXTV-107/22 | Winter Physical-Education Training.....                                        | 119 |
| 113. N-bXTV-109/22 | Šumbier mountain hiking.....                                                   | 120 |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                       |       |                                                                        |      |      |      |
| <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> 13<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: 468                                                                                                                             |       |                                                                        |      |      |      |
| A                                                                                                                                                                                                     | B     | C                                                                      | D    | E    | FX   |
| 47,22                                                                                                                                                                                                 | 30,98 | 10,68                                                                  | 3,85 | 1,28 | 5,98 |
| <b>Lecturers:</b> RNDr. Renáta Górová, PhD., RNDr. Helena Jurdáková, PhD., RNDr. Jaroslav Blaško, PhD., RNDr. Katarína Chovancová, PhD.                                                               |       |                                                                        |      |      |      |
| <b>Last change:</b> 30.09.2022                                                                                                                                                                        |       |                                                                        |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                   |       |                                                                        |      |      |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                                                             |      |      |      |
| <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> 13<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: 482                                                                                                                          |       |                                                             |      |      |      |
| A                                                                                                                                                                                                  | B     | C                                                           | D    | E    | FX   |
| 35,68                                                                                                                                                                                              | 23,65 | 16,6                                                        | 7,05 | 7,05 | 9,96 |
| <b>Lecturers:</b> prof. RNDr. Marian Masár, PhD., doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Róbert Bodor, PhD.                                                                                   |       |                                                             |      |      |      |
| <b>Last change:</b> 30.09.2022                                                                                                                                                                     |       |                                                             |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                             |      |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                           |       |                                                     |       |       |       |
| <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> 26 / 26<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: 425                                                                                                                                                                                                                                                 |       |                                                     |       |       |       |
| A                                                                                                                                                                                                                                                                                                                         | B     | C                                                   | D     | E     | FX    |
| 14,35                                                                                                                                                                                                                                                                                                                     | 19,76 | 12,94                                               | 11,06 | 19,29 | 22,59 |
| <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

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------|-------|-------|-------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                          |       |                                      |       |       |       |
| <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> 26 / 52<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: 494                                                                                                                                                |       |                                      |       |       |       |
| A                                                                                                                                                                                                                        | B     | C                                    | D     | E     | FX    |
| 19,03                                                                                                                                                                                                                    | 15,38 | 20,85                                | 11,34 | 12,75 | 20,65 |
| <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

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                                                             |     |     |     |
| <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> 26<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: 47                                                                                                                                                                                                                                                                                                                                                                              |      |                                                                                             |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                     | B    | C                                                                                           | D   | E   | FX  |
| 97,87                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2,13 | 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., Mgr. Hana Mauer Šutovská, PhD. |      |                                                                                             |     |     |     |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                                                             |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                                             |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                                                             |      |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------|------|-----|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                                                             |      |     |     |
| <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> 26<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: 45                                                                                                                                                                                                                                                                                                                                                                              |      |                                                                                             |      |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                     | B    | C                                                                                           | D    | E   | FX  |
| 80,0                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8,89 | 8,89                                                                                        | 2,22 | 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., Mgr. Hana Mauer Šutovská, PhD. |      |                                                                                             |      |     |     |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                                                             |      |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                                             |      |     |     |

## COURSE DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                      |      |                                                           |     |     |     |
| <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> 130<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: 16                                                                                                                             |      |                                                           |     |     |     |
| A                                                                                                                                                                                                    | B    | C                                                         | D   | E   | FX  |
| 87,5                                                                                                                                                                                                 | 6,25 | 6,25                                                      | 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.    |      |                                                           |     |     |     |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                       |      |                                                           |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                  |      |                                                           |     |     |     |

## STATE EXAM DESCRIPTION

|                                                   |                                                 |
|---------------------------------------------------|-------------------------------------------------|
| <b>Academic year:</b> 2023/2024                   |                                                 |
| <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

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |      |                                                                     |     |     |     |
| <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> 26<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: 31                                                                                                                           |      |                                                                     |     |     |     |
| A                                                                                                                                                                                                  | B    | C                                                                   | D   | E   | FX  |
| 93,55                                                                                                                                                                                              | 6,45 | 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

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |     |                                                                     |     |     |      |
| <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> 26<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: 32                                                                                                                           |     |                                                                     |     |     |      |
| A                                                                                                                                                                                                  | B   | C                                                                   | D   | E   | FX   |
| 96,88                                                                                                                                                                                              | 0,0 | 0,0                                                                 | 0,0 | 0,0 | 3,13 |
| <b>Lecturers:</b> Mgr. Silvia Bodoriková, PhD.                                                                                                                                                     |     |                                                                     |     |     |      |
| <b>Last change:</b> 24.07.2022                                                                                                                                                                     |     |                                                                     |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                                     |     |     |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |     |                                                                    |     |     |     |
| <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> 26<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: 27                                                                                                                           |     |                                                                    |     |     |     |
| 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

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |     |                                                                    |     |     |     |
| <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> 26<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: 26                                                                                                                           |     |                                                                    |     |     |     |
| 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

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |     |                                                                 |     |     |     |
| <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> 26<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: 60                                                                                                                           |     |                                                                 |     |     |     |
| 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

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |     |                                                                 |     |     |      |
| <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> 26<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: 62                                                                                                                           |     |                                                                 |     |     |      |
| A                                                                                                                                                                                                  | B   | C                                                               | D   | E   | FX   |
| 96,77                                                                                                                                                                                              | 0,0 | 1,61                                                            | 0,0 | 0,0 | 1,61 |
| <b>Lecturers:</b> prof. RNDr. Andrea Ševčovičová, PhD.                                                                                                                                             |     |                                                                 |     |     |      |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                     |     |                                                                 |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                                 |     |     |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------|-----|-----|-------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                    |      |                                                                     |     |     |       |
| <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> 26<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: 18                                                                                                                                                                           |      |                                                                     |     |     |       |
| A                                                                                                                                                                                                                                                  | B    | C                                                                   | D   | E   | FX    |
| 66,67                                                                                                                                                                                                                                              | 5,56 | 16,67                                                               | 0,0 | 0,0 | 11,11 |
| <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

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |      |                                                                        |     |     |      |
| <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> 26<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: 98                                                                                                                           |      |                                                                        |     |     |      |
| A                                                                                                                                                                                                  | B    | C                                                                      | D   | E   | FX   |
| 96,94                                                                                                                                                                                              | 2,04 | 0,0                                                                    | 0,0 | 0,0 | 1,02 |
| <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

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |     |                                                                        |     |     |      |
| <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> 26<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: 96                                                                                                                           |     |                                                                        |     |     |      |
| A                                                                                                                                                                                                  | B   | C                                                                      | D   | E   | FX   |
| 92,71                                                                                                                                                                                              | 0,0 | 1,04                                                                   | 0,0 | 0,0 | 6,25 |
| <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

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |     |                                                                 |     |     |     |
| <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> 26<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: 16                                                                                                                           |     |                                                                 |     |     |     |
| 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.  |     |                                                                 |     |     |     |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                     |     |                                                                 |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                                 |     |     |     |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                                                                       |       |                                                                           |      |     |      |
| <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> 130<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: 48                                                                                                                                                                                                                                                                                                                                              |       |                                                                           |      |     |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                     | B     | C                                                                         | D    | E   | FX   |
| 75,0                                                                                                                                                                                                                                                                                                                                                                                                                  | 10,42 | 8,33                                                                      | 4,17 | 0,0 | 2,08 |
| <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

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                      |     |                                                          |     |     |     |
| <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> 130<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: 28                                                                                                                             |     |                                                          |     |     |     |
| 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

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                     |     |      |      |
| <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> 130<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: 62                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                                     |     |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | B    | C                                                   | D   | E    | FX   |
| 88,71                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3,23 | 1,61                                                | 0,0 | 4,84 | 1,61 |
| <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., prof. RNDr. Andrea Ševčovičová, PhD., Mgr. Katarína Procházková, PhD., Mgr. Silvia Bágeľová Poláková, PhD., Mgr. Stanislav Kyzek, PhD., Mgr. Filip Červenák, PhD., Mgr. Ivana Kyzeková, PhD., Mgr. Anetta Bakošová, PhD. |      |                                                     |     |      |      |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                                     |     |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                                                     |     |      |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------|-----|-----|-------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                    |       |                                                         |     |     |       |
| <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> 130<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    |
| 72,22                                                                                                                                                                                                                                              | 11,11 | 5,56                                                    | 0,0 | 0,0 | 11,11 |
| <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

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                      |      |                                                              |     |     |      |
| <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> 130<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: 96                                                                                                                             |      |                                                              |     |     |      |
| A                                                                                                                                                                                                    | B    | C                                                            | D   | E   | FX   |
| 85,42                                                                                                                                                                                                | 2,08 | 5,21                                                         | 0,0 | 0,0 | 7,29 |
| <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> 2023/2024                   |                                                   |
| <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> 2023/2024                   |                                                   |
| <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> 2023/2024                   |                                                   |
| <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> 2023/2024                   |                                                   |
| <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> 2023/2024                                                                                                                                                                                                                                                                                     |      |                                                           |     |       |      |
| <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> 130<br><b>Form of the course:</b> on-site learning                                                                                                                |      |                                                           |     |       |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                         |      |                                                           |     |       |      |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                                                                                                                     |      |                                                           |     |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                        |      |                                                           |     |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                               |      |                                                           |     |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                         |      |                                                           |     |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                           |      |                                                           |     |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                              |      |                                                           |     |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                      |      |                                                           |     |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                  |      |                                                           |     |       |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                       |      |                                                           |     |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 35                                                                                                                                                                                                                                            |      |                                                           |     |       |      |
| A                                                                                                                                                                                                                                                                                                                   | B    | C                                                         | D   | E     | FX   |
| 60,0                                                                                                                                                                                                                                                                                                                | 8,57 | 5,71                                                      | 0,0 | 17,14 | 8,57 |
| <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. Petra Švábová, PhD., doc. RNDr. Lenka Vorobeľová, PhD., RNDr. Darina Falbová, PhD., RNDr. Mária Chovancová, PhD. |      |                                                           |     |       |      |
| <b>Last change:</b> 24.07.2022                                                                                                                                                                                                                                                                                      |      |                                                           |     |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                 |      |                                                           |     |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                                     |       |       |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------|-------|-------|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                                                                     |       |       |      |
| <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> 26<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: 306                                                                                                                          |       |                                                                     |       |       |      |
| A                                                                                                                                                                                                  | B     | C                                                                   | D     | E     | FX   |
| 32,35                                                                                                                                                                                              | 25,82 | 13,07                                                               | 11,44 | 10,46 | 6,86 |
| <b>Lecturers:</b> RNDr. Jana Chrappová, PhD., Mgr. Dominika Lacušková, RNDr. Ján Šimunek, PhD.                                                                                                     |       |                                                                     |       |       |      |
| <b>Last change:</b> 09.10.2022                                                                                                                                                                     |       |                                                                     |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                                     |       |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                                                                                |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                                                                                |     |     |     |
| <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:</b> 2 <b>per level/semester:</b> 26<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: 60                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |                                                                                |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | B   | C                                                                              | D   | E   | FX  |
| 93,33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5,0 | 1,67                                                                           | 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., prof. 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 Kyzeková, PhD., Mgr. Anetta Bakošová, PhD., Mgr. Nina Mayerová, PhD. |     |                                                                                |     |     |     |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |                                                                                |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |                                                                                |     |     |     |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                 |       |                                                     |     |     |     |
| <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> 26<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: 136                                                                                                                                       |       |                                                     |     |     |     |
| A                                                                                                                                                                                                               | B     | C                                                   | D   | E   | FX  |
| 42,65                                                                                                                                                                                                           | 44,12 | 13,24                                               | 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., doc. MUDr. Milan Grofik, PhD. |       |                                                     |     |     |     |
| <b>Last change:</b> 14.11.2022                                                                                                                                                                                  |       |                                                     |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                             |       |                                                     |     |     |     |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------|-------|-------|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                         |      |                                                                         |       |       |      |
| <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> 26<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: 156                                                                                                                                                                               |      |                                                                         |       |       |      |
| A                                                                                                                                                                                                                                                       | B    | C                                                                       | D     | E     | FX   |
| 1,28                                                                                                                                                                                                                                                    | 8,33 | 16,03                                                                   | 28,85 | 34,62 | 10,9 |
| <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 Tamášová, PhD., Mgr. Michal Pastorek, PhD. |      |                                                                         |       |       |      |
| <b>Last change:</b> 09.11.2022                                                                                                                                                                                                                          |      |                                                                         |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                     |      |                                                                         |       |       |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------|------|------|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                                        |      |      |      |
| <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> 26<br><b>Form of the course:</b> on-site learning |       |                                        |      |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                        |      |      |      |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                            |       |                                        |      |      |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                  |       |                                        |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                        |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                        |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                        |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                        |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                        |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                        |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                        |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1110                                                                                                                         |       |                                        |      |      |      |
| A                                                                                                                                                                                                  | B     | C                                      | D    | E    | FX   |
| 75,23                                                                                                                                                                                              | 11,17 | 5,95                                   | 2,79 | 0,81 | 4,05 |
| <b>Lecturers:</b> doc. RNDr. Radoslav Beňuš, PhD., Mgr. Silvia Bodoriková, PhD., RNDr. Michaela Dörnhöferová, PhD.                                                                                 |       |                                        |      |      |      |
| <b>Last change:</b> 07.11.2022                                                                                                                                                                     |       |                                        |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                        |      |      |      |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------|-------|------|-------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                          |      |                                      |       |      |       |
| <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> 26 / 26<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: 547                                                                                                                                                |      |                                      |       |      |       |
| A                                                                                                                                                                                                                        | B    | C                                    | D     | E    | FX    |
| 2,74                                                                                                                                                                                                                     | 12,8 | 27,06                                | 10,97 | 9,32 | 37,11 |
| <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

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------|-----|-----|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |      |                                   |     |     |      |
| <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> 26<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: 397                                                                                                                          |      |                                   |     |     |      |
| A                                                                                                                                                                                                  | B    | C                                 | D   | E   | FX   |
| 85,89                                                                                                                                                                                              | 9,32 | 0,5                               | 0,0 | 0,0 | 4,28 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc., doc. RNDr. Lucia Kršková, PhD., doc. Mgr. Miroslava Slaninová, Dr., Mgr. Zdenko Levarski, PhD., doc. RNDr. Stanislav Stuchlík, PhD.             |      |                                   |     |     |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                     |      |                                   |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                   |     |     |      |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------|-------|------|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                          |       |                                        |       |      |      |
| <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> 26 / 26<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: 123                                                                                                                                                |       |                                        |       |      |      |
| A                                                                                                                                                                                                                        | B     | C                                      | D     | E    | FX   |
| 13,82                                                                                                                                                                                                                    | 19,51 | 34,15                                  | 22,76 | 8,13 | 1,63 |
| <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

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------|------|------|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                          |       |                                    |      |      |     |
| <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> 26 / 26<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: 137                                                                                                                                                |       |                                    |      |      |     |
| A                                                                                                                                                                                                                        | B     | C                                  | D    | E    | FX  |
| 41,61                                                                                                                                                                                                                    | 34,31 | 16,79                              | 6,57 | 0,73 | 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

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                                       |       |       |       |
| <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> 26<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: 202                                                                                                                          |       |                                       |       |       |       |
| A                                                                                                                                                                                                  | B     | C                                     | D     | E     | FX    |
| 20,3                                                                                                                                                                                               | 11,88 | 14,36                                 | 17,82 | 13,86 | 21,78 |
| <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

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                             |       |                                      |       |       |      |
| <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> 26 / 26<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: 540                                                                                                                                                                                                                                                                   |       |                                      |       |       |      |
| A                                                                                                                                                                                                                                                                                                                                           | B     | C                                    | D     | E     | FX   |
| 12,41                                                                                                                                                                                                                                                                                                                                       | 19,26 | 24,81                                | 18,33 | 15,19 | 10,0 |
| <b>Lecturers:</b> doc. Mgr. Michal Martinka, PhD., prof. RNDr. Helena Bujdáková, CSc., prof. Mgr. Iveta Herichová, PhD., doc. RNDr. Martin Mrva, PhD., doc. Mgr. Ľuboš Molčan, PhD., doc. Mgr. Renáta Švubová, PhD., doc. Mgr. Boris Bokor, PhD., doc. Mgr. Viktor Demko, PhD., RNDr. Jana Kohanová, PhD., doc. RNDr. Zuzana Lukačová, PhD. |       |                                      |       |       |      |
| <b>Last change:</b> 15.07.2022                                                                                                                                                                                                                                                                                                              |       |                                      |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                         |       |                                      |       |       |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                       |       |                                                        |     |     |     |
| <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> 52<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: 27                                                                                                                              |       |                                                        |     |     |     |
| A                                                                                                                                                                                                     | B     | C                                                      | D   | E   | FX  |
| 18,52                                                                                                                                                                                                 | 51,85 | 25,93                                                  | 3,7 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Peter Troška, PhD.                                                                                                                                                            |       |                                                        |     |     |     |
| <b>Last change:</b> 30.09.2022                                                                                                                                                                        |       |                                                        |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                   |       |                                                        |     |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |     |                                                       |     |     |     |
| <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> 13<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: 37                                                                                                                           |     |                                                       |     |     |     |
| 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., prof. RNDr. Andrea Ševčovičová, PhD.                                                                                 |     |                                                       |     |     |     |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                     |     |                                                       |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                       |     |     |     |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                             |       |                                                             |      |      |      |
| <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> 26<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: 357                                                                                                                                                   |       |                                                             |      |      |      |
| A                                                                                                                                                                                                                           | B     | C                                                           | D    | E    | FX   |
| 70,03                                                                                                                                                                                                                       | 16,25 | 6,44                                                        | 1,96 | 1,96 | 3,36 |
| <b>Lecturers:</b> PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD., Mgr. Simona Tomášková, PhD. |       |                                                             |      |      |      |
| <b>Last change:</b> 26.09.2022                                                                                                                                                                                              |       |                                                             |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                         |       |                                                             |      |      |      |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                             |       |                                                             |      |      |      |
| <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> 26<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: 295                                                                                                                                                   |       |                                                             |      |      |      |
| A                                                                                                                                                                                                                           | B     | C                                                           | D    | E    | FX   |
| 83,05                                                                                                                                                                                                                       | 11,86 | 2,03                                                        | 1,02 | 0,34 | 1,69 |
| <b>Lecturers:</b> PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD., Mgr. Simona Tomášková, PhD. |       |                                                             |      |      |      |
| <b>Last change:</b> 26.09.2022                                                                                                                                                                                              |       |                                                             |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                         |       |                                                             |      |      |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------|-----|------|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                                                             |     |      |      |
| <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> 26<br><b>Form of the course:</b> on-site learning |       |                                                             |     |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                             |     |      |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |       |                                                             |     |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                             |     |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                             |     |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                             |     |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                             |     |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                             |     |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                             |     |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                             |     |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                             |     |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 288                                                                                                                          |       |                                                             |     |      |      |
| A                                                                                                                                                                                                  | B     | C                                                           | D   | E    | FX   |
| 81,6                                                                                                                                                                                               | 12,15 | 2,43                                                        | 0,0 | 1,04 | 2,78 |
| <b>Lecturers:</b> PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD.     |       |                                                             |     |      |      |
| <b>Last change:</b> 26.09.2022                                                                                                                                                                     |       |                                                             |     |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                             |     |      |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |      |                                                             |      |      |      |
| <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> 26<br><b>Form of the course:</b> on-site learning |      |                                                             |      |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                                             |      |      |      |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |      |                                                             |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                                             |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                             |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                             |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                             |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                             |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                             |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                             |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                             |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 194                                                                                                                          |      |                                                             |      |      |      |
| A                                                                                                                                                                                                  | B    | C                                                           | D    | E    | FX   |
| 85,05                                                                                                                                                                                              | 9,28 | 3,61                                                        | 0,52 | 0,52 | 1,03 |
| <b>Lecturers:</b> PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD.     |      |                                                             |      |      |      |
| <b>Last change:</b> 26.09.2022                                                                                                                                                                     |      |                                                             |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                                             |      |      |      |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                              |      |                                                                                                                     |      |      |      |
| <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> 13<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: 213                                                                                                                                                                                    |      |                                                                                                                     |      |      |      |
| A                                                                                                                                                                                                                                                            | B    | C                                                                                                                   | D    | E    | FX   |
| 81,22                                                                                                                                                                                                                                                        | 8,92 | 6,57                                                                                                                | 0,47 | 0,47 | 2,35 |
| <b>Lecturers:</b> RNDr. Viera Poláčková, PhD., Mgr. Iveta Kmentová, PhD., Mgr. Peter Šramel, PhD.,<br>Mgr. Dominika Mravcová, PhD., PharmDr. Ivica Sigmundová, PhD., Mgr. Bernard Mravec, PhD.,<br>Mgr. Viktória Némethová, PhD., RNDr. Pavol Tisovský, PhD. |      |                                                                                                                     |      |      |      |
| <b>Last change:</b> 09.05.2023                                                                                                                                                                                                                               |      |                                                                                                                     |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                          |      |                                                                                                                     |      |      |      |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------|-------|-------|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                             |       |                                              |       |       |      |
| <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> 26<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: 393                                                                                                                                   |       |                                              |       |       |      |
| A                                                                                                                                                                                                           | B     | C                                            | D     | E     | FX   |
| 7,12                                                                                                                                                                                                        | 19,59 | 22,9                                         | 21,88 | 20,87 | 7,63 |
| <b>Lecturers:</b> prof. RNDr. Ľubomír Tomáška, DrSc., RNDr. Regina Sepšiová, PhD., doc. Mgr. Peter Mikulíček, PhD., doc. Mgr. Peter Vďačný, PhD., RNDr. Ján Radvánszky, PhD., doc. RNDr. Marek Mentel, PhD. |       |                                              |       |       |      |
| <b>Last change:</b> 22.09.2022                                                                                                                                                                              |       |                                              |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                         |       |                                              |       |       |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                                                            |      |       |      |
| <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> 26<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: 99                                                                                                                           |       |                                                            |      |       |      |
| A                                                                                                                                                                                                  | B     | C                                                          | D    | E     | FX   |
| 10,1                                                                                                                                                                                               | 27,27 | 37,37                                                      | 5,05 | 14,14 | 6,06 |
| <b>Lecturers:</b> doc. Mgr. Viktor Demko, PhD., doc. Mgr. Monika Okuliarová, PhD., RNDr. Ján Radvánszky, PhD.                                                                                      |       |                                                            |      |       |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                     |       |                                                            |      |       |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                            |      |       |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |     |                                                              |     |     |     |
| <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> 26<br><b>Form of the course:</b> on-site learning |     |                                                              |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                              |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |     |                                                              |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 15                                                                                                                           |     |                                                              |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                            | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Karin Rózsová Wolfová                                                                                                                                                       |     |                                                              |     |     |     |
| <b>Last change:</b> 23.07.2022                                                                                                                                                                     |     |                                                              |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                              |     |     |     |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |     |                                                              |     |     |      |
| <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> 26<br><b>Form of the course:</b> on-site learning |     |                                                              |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                              |     |     |      |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                              |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                              |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                              |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                              |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                              |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                              |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                              |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                              |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                              |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 5                                                                                                                            |     |                                                              |     |     |      |
| A                                                                                                                                                                                                  | B   | C                                                            | D   | E   | FX   |
| 80,0                                                                                                                                                                                               | 0,0 | 0,0                                                          | 0,0 | 0,0 | 20,0 |
| <b>Lecturers:</b> Mgr. Karin Rózsová Wolfová                                                                                                                                                       |     |                                                              |     |     |      |
| <b>Last change:</b> 23.07.2022                                                                                                                                                                     |     |                                                              |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                              |     |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |      |                                         |       |      |      |
| <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> 26<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: 214                                                                                                                          |      |                                         |       |      |      |
| A                                                                                                                                                                                                  | B    | C                                       | D     | E    | FX   |
| 58,88                                                                                                                                                                                              | 9,35 | 10,28                                   | 10,28 | 8,88 | 2,34 |
| <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> 2023/2024                                                                                                                                                                    |       |                                                                        |       |       |       |
| <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> 26<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: 566                                                                                                                          |       |                                                                        |       |       |       |
| A                                                                                                                                                                                                  | B     | C                                                                      | D     | E     | FX    |
| 13,96                                                                                                                                                                                              | 11,66 | 12,19                                                                  | 14,49 | 15,19 | 32,51 |
| <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> 2023/2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |                                    |       |       |       |
| <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> 26 / 52<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: 367                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |                                    |       |       |       |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | B     | C                                  | D     | E     | FX    |
| 7,9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 14,71 | 18,8                               | 21,25 | 25,07 | 12,26 |
| <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., prof. 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 Kyzeková, PhD., Mgr. Nina Mayerová, PhD., Mgr. Andrea Valentová, Mgr. Sára Pišteková, Mgr. Tomáš Petřík, Mgr. Veronika Vozáriková, PhD. |       |                                    |       |       |       |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                                    |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |                                    |       |       |       |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------|------|-----|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                |       |                                                     |      |     |     |
| <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> 26 / 26<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: 58                                                                                                                                                                                                                                       |       |                                                     |      |     |     |
| A                                                                                                                                                                                                                                                                                                              | B     | C                                                   | D    | E   | FX  |
| 50,0                                                                                                                                                                                                                                                                                                           | 32,76 | 15,52                                               | 1,72 | 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

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------|-------|------|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                            |       |                                                  |       |      |     |
| <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> 26 / 26<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: 58                                                                                                                                                   |       |                                                  |       |      |     |
| A                                                                                                                                                                                                                          | B     | C                                                | D     | E    | FX  |
| 22,41                                                                                                                                                                                                                      | 25,86 | 36,21                                            | 13,79 | 1,72 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Eliška Gálová, PhD., Mgr. Katarína Gaplovská, PhD., doc. Mgr. Miroslava Slaninová, Dr., prof. 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

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                |      |                                               |     |     |      |
| <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> 26<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: 1092                                                                                                                                     |      |                                               |     |     |      |
| A                                                                                                                                                                                                              | B    | C                                             | D   | E   | FX   |
| 93,86                                                                                                                                                                                                          | 0,92 | 0,0                                           | 0,0 | 0,0 | 5,22 |
| <b>Lecturers:</b> RNDr. Regina Sepšiová, PhD., doc. Mgr. Miroslava Slaninová, Dr., Mgr. Filip Červenák, PhD., prof. RNDr. Andrea Ševčovičová, PhD., doc. RNDr. Eliška Gálová, PhD., Mgr. Stanislav Kyzek, PhD. |      |                                               |     |     |      |
| <b>Last change:</b> 15.05.2021                                                                                                                                                                                 |      |                                               |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                            |      |                                               |     |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                          |      |                                                                     |      |      |      |
| <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> 13 / 13<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: 94                                                                                                                                                                                                                                                                                                 |      |                                                                     |      |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                        | B    | C                                                                   | D    | E    | FX   |
| 79,79                                                                                                                                                                                                                                                                                                                                                                    | 4,26 | 5,32                                                                | 1,06 | 1,06 | 8,51 |
| <b>Lecturers:</b> Mgr. Rastislav Cákoci, PhD., RNDr. Katarína Danielová, PhD., doc. RNDr. Daniel Gurňák, PhD., doc. RNDr. František Križan, PhD., 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., Mgr. Filip Šandor, PhD. |      |                                                                     |      |      |      |
| <b>Last change:</b> 15.05.2021                                                                                                                                                                                                                                                                                                                                           |      |                                                                     |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                      |      |                                                                     |      |      |      |

## COURSE DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------|-----|-------|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                      |     |                                             |     |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                    |     |                                             |     |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                          |     |                                             |     |       |      |
| <b>Course ID:</b><br>PriF.KGP/N-XXXX-007/21                                                                                                                                                                                                          |     | <b>Course title:</b><br>Geology in Nutshell |     |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 13 / 26<br><b>Form of the course:</b> on-site learning                             |     |                                             |     |       |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                          |     |                                             |     |       |      |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                                                                              |     |                                             |     |       |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                                    |     |                                             |     |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                |     |                                             |     |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                          |     |                                             |     |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                            |     |                                             |     |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                               |     |                                             |     |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                       |     |                                             |     |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                   |     |                                             |     |       |      |
| <b>Notes:</b>                                                                                                                                                                                                                                        |     |                                             |     |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 44                                                                                                                                                                             |     |                                             |     |       |      |
| A                                                                                                                                                                                                                                                    | B   | C                                           | D   | E     | FX   |
| 86,36                                                                                                                                                                                                                                                | 0,0 | 0,0                                         | 0,0 | 11,36 | 2,27 |
| <b>Lecturers:</b> prof. RNDr. Roman Aubrecht, Dr., prof. Mgr. Natália Hlavatá Hudáčková, PhD., doc. RNDr. Jozef Hók, CSc., prof. RNDr. Michal Kováč, DrSc., RNDr. Alexander Lačný, PhD., doc. RNDr. Jana Fridrichová, PhD., RNDr. Ondrej Nemec, PhD. |     |                                             |     |       |      |
| <b>Last change:</b> 20.01.2022                                                                                                                                                                                                                       |     |                                             |     |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                  |     |                                             |     |       |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |     |                                                     |     |     |      |
| <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> 26<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: 808                                                                                                                          |     |                                                     |     |     |      |
| A                                                                                                                                                                                                  | B   | C                                                   | D   | E   | FX   |
| 90,72                                                                                                                                                                                              | 0,0 | 0,37                                                | 0,0 | 0,0 | 8,91 |
| <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> 2023/2024                                                                                                                                                                                          |     |                                            |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                        |     |                                            |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                            |     |     |      |
| <b>Course ID:</b><br>PriF.KEM/N-bXXX-001/22                                                                                                                                                                              |     | <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> 26 / 26<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: 72                                                                                                                                                 |     |                                            |     |     |      |
| A                                                                                                                                                                                                                        | B   | C                                          | D   | E   | FX   |
| 98,61                                                                                                                                                                                                                    | 0,0 | 0,0                                        | 0,0 | 0,0 | 1,39 |
| <b>Lecturers:</b> RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., RNDr. Hubert Žarnovičan, PhD., Mgr. Martin Šebesta, PhD.                                                                                     |     |                                            |     |     |      |
| <b>Last change:</b> 22.08.2022                                                                                                                                                                                           |     |                                            |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                      |     |                                            |     |     |      |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                          |     |                                            |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                        |     |                                            |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                            |     |     |      |
| <b>Course ID:</b><br>PriF.KEM/N-bXXX-002/22                                                                                                                                                                              |     | <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> 26 / 26<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: 35                                                                                                                                                 |     |                                            |     |     |      |
| A                                                                                                                                                                                                                        | B   | C                                          | D   | E   | FX   |
| 97,14                                                                                                                                                                                                                    | 0,0 | 0,0                                        | 0,0 | 0,0 | 2,86 |
| <b>Lecturers:</b> RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., Mgr. Martin Šebesta, PhD.,<br>RNDr. Hubert Žarnovičan, PhD.                                                                                  |     |                                            |     |     |      |
| <b>Last change:</b> 22.08.2022                                                                                                                                                                                           |     |                                            |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                      |     |                                            |     |     |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------|-------|-------|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                                                                                  |       |                                                     |       |       |      |
| <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> 39 / 26<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: 170                                                                                                                                                                                                                                                                                                                                                        |       |                                                     |       |       |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                | B     | C                                                   | D     | E     | FX   |
| 11,76                                                                                                                                                                                                                                                                                                                                                                                                                            | 21,76 | 28,82                                               | 15,29 | 15,88 | 6,47 |
| <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

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                                        |      |       |      |
| <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> 26<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: 229                                                                                                                          |       |                                        |      |       |      |
| A                                                                                                                                                                                                  | B     | C                                      | D    | E     | FX   |
| 17,03                                                                                                                                                                                              | 15,28 | 21,4                                   | 21,4 | 20,96 | 3,93 |
| <b>Lecturers:</b> doc. Mgr. Andrej Ficek, PhD., Mgr. Marián Baldovič, PhD., RNDr. Ján Radvánszky, PhD.                                                                                             |       |                                        |      |       |      |
| <b>Last change:</b> 09.11.2022                                                                                                                                                                     |       |                                        |      |       |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                        |      |       |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------|-------|-------|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                                    |       |       |      |
| <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> 26<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: 201                                                                                                                          |       |                                    |       |       |      |
| A                                                                                                                                                                                                  | B     | C                                  | D     | E     | FX   |
| 10,45                                                                                                                                                                                              | 22,39 | 26,37                              | 18,91 | 14,93 | 6,97 |
| <b>Lecturers:</b> doc. RNDr. Miroslava Šupolíková, PhD., doc. RNDr. Tatiana Betáková, DrSc.                                                                                                        |       |                                    |       |       |      |
| <b>Last change:</b> 12.09.2022                                                                                                                                                                     |       |                                    |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                    |       |       |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------|-------|-------|-------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                                                    |       |       |       |
| <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> 26<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: 251                                                                                                                          |       |                                                    |       |       |       |
| A                                                                                                                                                                                                  | B     | C                                                  | D     | E     | FX    |
| 13,94                                                                                                                                                                                              | 18,33 | 19,12                                              | 18,33 | 10,36 | 19,92 |
| <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

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------|-----|------|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                          |       |                                                                       |     |      |      |
| <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> 26 / 26<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: 433                                                                                                                                                |       |                                                                       |     |      |      |
| A                                                                                                                                                                                                                        | B     | C                                                                     | D   | E    | FX   |
| 41,11                                                                                                                                                                                                                    | 33,49 | 17,78                                                                 | 6,0 | 1,39 | 0,23 |
| <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

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                                  |      |      |     |
| <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> 13<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: 22                                                                                                                           |       |                                  |      |      |     |
| A                                                                                                                                                                                                  | B     | C                                | D    | E    | FX  |
| 18,18                                                                                                                                                                                              | 31,82 | 31,82                            | 9,09 | 9,09 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Andrea Ševčovičová, PhD., Mgr. Katarína Juríková, PhD., Mgr. Ivana Kyzeková, PhD., doc. RNDr. Zuzana Lukačová, PhD.                                                  |       |                                  |      |      |     |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                     |       |                                  |      |      |     |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                  |      |      |     |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                     |       |                                                                           |      |      |      |
| <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> 13<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: 522                                                                                                                                                                                                           |       |                                                                           |      |      |      |
| A                                                                                                                                                                                                                                                                                   | B     | C                                                                         | D    | E    | FX   |
| 44,06                                                                                                                                                                                                                                                                               | 30,08 | 15,33                                                                     | 3,26 | 3,07 | 4,21 |
| <b>Lecturers:</b> RNDr. Viera Poláčková, PhD., Mgr. Iveta Kmentová, PhD., Mgr. Dominika Mravcová, PhD., PharmDr. Ivica Sigmundová, PhD., Mgr. Bernard Mravec, PhD., Mgr. Viktória Némethová, PhD., Mgr. Peter Šramel, PhD., Mgr. Lucia Kováčiková, PhD., RNDr. Pavol Tisovský, PhD. |       |                                                                           |      |      |      |
| <b>Last change:</b> 17.10.2022                                                                                                                                                                                                                                                      |       |                                                                           |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                 |       |                                                                           |      |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                               |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                               |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                               |      |      |      |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-138/22                                                                                                                                                         |       | <b>Course title:</b><br>Latin |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 26<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: 288                                                                                                                          |       |                               |      |      |      |
| A                                                                                                                                                                                                  | B     | C                             | D    | E    | FX   |
| 62,85                                                                                                                                                                                              | 15,63 | 7,29                          | 3,82 | 2,43 | 7,99 |
| <b>Lecturers:</b> Mgr. Ivan Lábaj, PhD., RNDr. Tatiana Slováková, PhD.                                                                                                                             |       |                               |      |      |      |
| <b>Last change:</b> 07.11.2022                                                                                                                                                                     |       |                               |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                               |      |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                                                     |     |     |      |
| <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> 26<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: 956                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |                                                     |     |     |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | B   | C                                                   | D   | E   | FX   |
| 90,06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0,1 | 0,0                                                 | 0,0 | 0,1 | 9,73 |
| <b>Lecturers:</b> RNDr. Martina Zvaríková, PhD., prof. RNDr. Pavel Dlapa, PhD., RNDr. Malvína Reiffers Čierniková, PhD., prof. RNDr. Elena Masarovičová, DrSc., prof. PaedDr. Pavol Prokop, DrSc., prof. RNDr. Peter Fedor, DrSc., prof. Ing. Eva Chmielewská, CSc., RNDr. Martin Labuda, PhD., doc. RNDr. Eva Pauditšová, PhD., RNDr. Hubert Žarnovičan, PhD., doc. RNDr. Stanislav Rapant, DrSc., doc. RNDr. Ľubomír Jurkovič, PhD., doc. Mgr. Tomáš Lánczos, PhD., doc. RNDr. Katarína Pavličková, CSc. |     |                                                     |     |     |      |
| <b>Last change:</b> 09.11.2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |                                                     |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |                                                     |     |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                     |
| <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> 39<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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                     |

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| <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: 672 |       |       |       |      |      |
| A                                                                         | B     | C     | D     | E    | FX   |
| 31,25                                                                     | 20,54 | 20,68 | 10,71 | 11,9 | 4,91 |
| <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

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                                                     |       |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                                                     |       |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |                                                     |       |     |     |
| <b>Course ID:</b><br>PriF-FMFI.KAMŠ/N-<br>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> 26 / 26<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: 57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                                                     |       |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | B     | C                                                   | D     | E   | FX  |
| 24,56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 36,84 | 28,07                                               | 10,53 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Richard Kollár, PhD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |                                                     |       |     |     |

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

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                       |       |                                             |      |     |      |
| <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> 13 / 13<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: 32                                                                                                                                              |       |                                             |      |     |      |
| A                                                                                                                                                                                                                     | B     | C                                           | D    | E   | FX   |
| 37,5                                                                                                                                                                                                                  | 43,75 | 12,5                                        | 3,13 | 0,0 | 3,13 |
| <b>Lecturers:</b> doc. RNDr. Andrej Boháč, CSc.                                                                                                                                                                       |       |                                             |      |     |      |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                                        |       |                                             |      |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                   |       |                                             |      |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                                                      |     |      |      |
| <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> 26<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: 131                                                                                                                          |       |                                                      |     |      |      |
| A                                                                                                                                                                                                  | B     | C                                                    | D   | E    | FX   |
| 35,11                                                                                                                                                                                              | 25,95 | 19,08                                                | 8,4 | 7,63 | 3,82 |
| <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

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                               |
| <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> 26 / 26<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                               |
| <b>Type, volume, methods and workload of the student - additional information</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: 62</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>48,39</td><td>24,19</td><td>17,74</td><td>6,45</td><td>3,23</td><td>0,0</td></tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |       |      |      |     | A | B | C | D | E | FX | 48,39 | 24,19 | 17,74 | 6,45 | 3,23 | 0,0 |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | B     | C     | D    | E    | FX  |   |   |   |   |   |    |       |       |       |      |      |     |
| 48,39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 24,19 | 17,74 | 6,45 | 3,23 | 0,0 |   |   |   |   |   |    |       |       |       |      |      |     |
| <p><b>Lecturers:</b> doc. Mgr. Peter Polčic, PhD., Ing. Martina Neboháčová, PhD., prof. RNDr. Jozef Nosek, DrSc., Mgr. Katarína Procházková, PhD.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |       |      |      |     |   |   |   |   |   |    |       |       |       |      |      |     |
| <p><b>Last change:</b> 07.10.2022</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |       |      |      |     |   |   |   |   |   |    |       |       |       |      |      |     |
| <p><b>Approved by:</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |       |      |      |     |   |   |   |   |   |    |       |       |       |      |      |     |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                    |      |                                                   |       |       |      |
| <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> 52 / 39<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: 482                                                                                                                                                                                                                                                          |      |                                                   |       |       |      |
| A                                                                                                                                                                                                                                                                                                                                  | B    | C                                                 | D     | E     | FX   |
| 13,07                                                                                                                                                                                                                                                                                                                              | 25,1 | 23,03                                             | 18,26 | 14,32 | 6,22 |
| <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

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                       |       |                                                |       |       |      |
| <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> 26<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: 69                                                                                                                              |       |                                                |       |       |      |
| A                                                                                                                                                                                                     | B     | C                                              | D     | E     | FX   |
| 36,23                                                                                                                                                                                                 | 23,19 | 15,94                                          | 10,14 | 10,14 | 4,35 |
| <b>Lecturers:</b> Mgr. Matúš Kúdela, PhD., Mgr. Katarína Goffová, PhD.                                                                                                                                |       |                                                |       |       |      |
| <b>Last change:</b> 02.08.2022                                                                                                                                                                        |       |                                                |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                   |       |                                                |       |       |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                          |       |                                           |       |       |      |
| <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> 26 / 52<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: 351                                                                                                                                                |       |                                           |       |       |      |
| A                                                                                                                                                                                                                        | B     | C                                         | D     | E     | FX   |
| 25,36                                                                                                                                                                                                                    | 21,94 | 20,23                                     | 11,97 | 13,68 | 6,84 |
| <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

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                      |       |                                           |      |      |      |
| <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> 13 / 13<br><b>Form of the course:</b> on-site learning                                |       |                                           |      |      |      |
| <b>Type, volume, methods and workload of the student - additional information</b><br>Forma výučby: prednáška / seminár<br>Odporúčaný rozsah výučby (v hodinách):<br>Týždenný: 1 h / 1 h   Za obdobie štúdia: 13 h / 13 h<br>Metóda štúdia: prezenčná |       |                                           |      |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                          |       |                                           |      |      |      |
| <b>Recommended semester:</b> 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: 31                                                                                                                                                                             |       |                                           |      |      |      |
| A                                                                                                                                                                                                                                                    | B     | C                                         | D    | E    | FX   |
| 32,26                                                                                                                                                                                                                                                | 32,26 | 9,68                                      | 9,68 | 3,23 | 12,9 |
| <b>Lecturers:</b> Mgr. Ambroz Almásky, PhD.                                                                                                                                                                                                          |       |                                           |      |      |      |
| <b>Last change:</b> 14.09.2022                                                                                                                                                                                                                       |       |                                           |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                  |       |                                           |      |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                                     |     |     |     |
| <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> 26<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: 59                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                                                     |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | B    | C                                                   | D   | E   | FX  |
| 98,31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1,69 | 0,0                                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. 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 Kyzeková, PhD., Mgr. Anetta Bakošová, PhD., Mgr. Veronika Vozáriková, PhD., Mgr. Nina Mayerová, PhD. |      |                                                     |     |     |     |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                                     |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                     |     |     |     |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                                                          |       |       |       |
| <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> 26<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: 528                                                                                                                          |       |                                                          |       |       |       |
| A                                                                                                                                                                                                  | B     | C                                                        | D     | E     | FX    |
| 21,02                                                                                                                                                                                              | 12,31 | 14,96                                                    | 12,12 | 21,97 | 17,61 |
| <b>Lecturers:</b> RNDr. Viera Poláčková, PhD.                                                                                                                                                      |       |                                                          |       |       |       |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                     |       |                                                          |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                          |       |       |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                                                           |       |                                                   |      |     |       |
| <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> 26<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                        |       |                                                   |      |     |       |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                               |       |                                                   |      |     |       |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                                                                                                                                                                                                                   |       |                                                   |      |     |       |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                                                                                                                                                                                         |       |                                                   |      |     |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                     |       |                                                   |      |     |       |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                               |       |                                                   |      |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                 |       |                                                   |      |     |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                    |       |                                                   |      |     |       |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                            |       |                                                   |      |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                        |       |                                                   |      |     |       |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                             |       |                                                   |      |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 36                                                                                                                                                                                                                                                                                                                                  |       |                                                   |      |     |       |
| A                                                                                                                                                                                                                                                                                                                                                                                                         | B     | C                                                 | D    | E   | FX    |
| 27,78                                                                                                                                                                                                                                                                                                                                                                                                     | 41,67 | 13,89                                             | 2,78 | 0,0 | 13,89 |
| <b>Lecturers:</b> doc. RNDr. Martin Putala, CSc., prof. RNDr. Ivan Černušák, DrSc., doc. RNDr. Erik Rakovský, PhD., Mgr. Peter Hrobárik, PhD., doc. RNDr. Oľga Roskopfová, PhD., Mgr. Táňa Sebechlebská, PhD., Ing. Darina Tóthová, CSc., doc. RNDr. Radoslav Halko, PhD., prof. RNDr. Marian Masár, PhD., doc. RNDr. Jana Korduláková, PhD., doc. Mgr. Peter Polčic, PhD., doc. RNDr. Andrej Boháč, CSc. |       |                                                   |      |     |       |
| <b>Last change:</b> 07.11.2022                                                                                                                                                                                                                                                                                                                                                                            |       |                                                   |      |     |       |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                       |       |                                                   |      |     |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |                                                      |     |     |     |
| <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> 26<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: 240                                                                                                                                                                                                                                                                                                                                                                                              |     |                                                      |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | B   | C                                                    | D   | E   | FX  |
| 92,5                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0,0 | 0,0                                                  | 0,0 | 0,0 | 7,5 |
| <b>Lecturers:</b> doc. RNDr. Marek Mentel, PhD., Mgr. Filip Brázdovič, PhD., Mgr. Andrea Cillingová, PhD., prof. RNDr. Anton Horváth, CSc., Mgr. Stanislav Huszár, PhD., Mgr. Petra Chovančíková, PhD., prof. RNDr. Marta Kollárová, DrSc., doc. RNDr. Jana Korduláková, PhD., prof. RNDr. Katarína Mikušová, DrSc., Ing. Martina Neboháčová, PhD., doc. Mgr. Peter Polčic, PhD., RNDr. Ingrid Sveráková, PhD., doc. RNDr. Igor Zeman, PhD., Mgr. Júlia Zemanová, PhD. |     |                                                      |     |     |     |
| <b>Last change:</b> 19.09.2022                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                                      |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |                                                      |     |     |     |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                                                                       |     |                                                         |      |      |      |      |
| <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> 26<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: 546                                                                                                                                                                                                                                                                                                                                             |     |                                                         |      |      |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                     | ABS | B                                                       | C    | D    | E    | FX   |
| 69,96                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,0 | 12,45                                                   | 6,78 | 1,28 | 0,92 | 8,61 |
| <b>Lecturers:</b> doc. Mgr. Michal Martinka, PhD., prof. RNDr. Ľubomír Tomáška, DrSc., prof. RNDr. Karol Mičieta, PhD., doc. RNDr. Radoslav Beňuš, PhD., prof. RNDr. Ján Turňa, CSc., prof. RNDr. Michal Zeman, DrSc., doc. Mgr. Peter Vďačný, PhD., doc. RNDr. Stanislav Stuchlík, PhD., prof. RNDr. Yvetta Gbelská, CSc., doc. RNDr. Tomáš Derka, PhD., RNDr. Boris Klempa, DrSc., Ing. Mgr. Eva Zahradníková, PhD. |     |                                                         |      |      |      |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                                                                                                                                                                        |     |                                                         |      |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                   |     |                                                         |      |      |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                       |       |                                                                   |      |     |      |
| <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> 39 / 26<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: 12                                                                                                                                              |       |                                                                   |      |     |      |
| A                                                                                                                                                                                                                     | B     | C                                                                 | D    | E   | FX   |
| 25,0                                                                                                                                                                                                                  | 33,33 | 8,33                                                              | 8,33 | 0,0 | 25,0 |
| <b>Lecturers:</b> doc. RNDr. Monika Jerigová, PhD., Mgr. Táňa Sebechlebská, PhD.                                                                                                                                      |       |                                                                   |      |     |      |
| <b>Last change:</b> 22.09.2022                                                                                                                                                                                        |       |                                                                   |      |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                   |       |                                                                   |      |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                             |      |                                              |      |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                           |      |                                              |      |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                 |      |                                              |      |     |      |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-101/22                                                                                                                                                                                                                                                                                                 |      | <b>Course title:</b><br>Physical Education 1 |      |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 26<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: 750                                                                                                                                                                                                                                                                   |      |                                              |      |     |      |
| A                                                                                                                                                                                                                                                                                                                                           | B    | C                                            | D    | E   | FX   |
| 91,2                                                                                                                                                                                                                                                                                                                                        | 1,33 | 0,27                                         | 0,27 | 0,0 | 6,93 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová |      |                                              |      |     |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                                                                                              |      |                                              |      |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                         |      |                                              |      |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                            |      |                                              |     |      |      |
| <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> 26<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: 600                                                                                                                                                                                                                                                                  |      |                                              |     |      |      |
| A                                                                                                                                                                                                                                                                                                                                          | B    | C                                            | D   | E    | FX   |
| 94,33                                                                                                                                                                                                                                                                                                                                      | 0,17 | 0,17                                         | 0,0 | 0,17 | 5,17 |
| <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 Széllová, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová |      |                                              |     |      |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                                                                                             |      |                                              |     |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                        |      |                                              |     |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                             |      |                                              |     |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                           |      |                                              |     |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                 |      |                                              |     |      |      |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-103/22                                                                                                                                                                                                                                                                                                 |      | <b>Course title:</b><br>Physical Education 3 |     |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 26<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: 441                                                                                                                                                                                                                                                                   |      |                                              |     |      |      |
| A                                                                                                                                                                                                                                                                                                                                           | B    | C                                            | D   | E    | FX   |
| 95,69                                                                                                                                                                                                                                                                                                                                       | 0,68 | 0,91                                         | 0,0 | 0,23 | 2,49 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová |      |                                              |     |      |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                                                                                              |      |                                              |     |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                         |      |                                              |     |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                             |      |                                              |      |     |      |
| <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> 26<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: 480                                                                                                                                                                                                                                                                   |      |                                              |      |     |      |
| A                                                                                                                                                                                                                                                                                                                                           | B    | C                                            | D    | E   | FX   |
| 96,46                                                                                                                                                                                                                                                                                                                                       | 0,21 | 0,21                                         | 0,42 | 0,0 | 2,71 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová |      |                                              |      |     |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                                                                                              |      |                                              |      |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                         |      |                                              |      |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                             |      |                                              |     |     |      |
| <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> 26<br><b>Form of the course:</b> on-site learning                                                                                                                                       |      |                                              |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                 |      |                                              |     |     |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                                                                                                                                             |      |                                              |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                |      |                                              |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                       |      |                                              |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                 |      |                                              |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                   |      |                                              |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                      |      |                                              |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                              |      |                                              |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                          |      |                                              |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                               |      |                                              |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 349                                                                                                                                                                                                                                                                   |      |                                              |     |     |      |
| A                                                                                                                                                                                                                                                                                                                                           | B    | C                                            | D   | E   | FX   |
| 96,56                                                                                                                                                                                                                                                                                                                                       | 0,57 | 0,0                                          | 0,0 | 0,0 | 2,87 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová |      |                                              |     |     |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                                                                                              |      |                                              |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                         |      |                                              |     |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                             |     |                                              |     |      |      |
| <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> 26<br><b>Form of the course:</b> on-site learning                                                                                                                                       |     |                                              |     |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                 |     |                                              |     |      |      |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                                                                                                                                             |     |                                              |     |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                |     |                                              |     |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                       |     |                                              |     |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                 |     |                                              |     |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                   |     |                                              |     |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                      |     |                                              |     |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                              |     |                                              |     |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                          |     |                                              |     |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                               |     |                                              |     |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 312                                                                                                                                                                                                                                                                   |     |                                              |     |      |      |
| A                                                                                                                                                                                                                                                                                                                                           | B   | C                                            | D   | E    | FX   |
| 96,79                                                                                                                                                                                                                                                                                                                                       | 0,0 | 0,0                                          | 0,0 | 0,32 | 2,88 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová |     |                                              |     |      |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                                                                                              |     |                                              |     |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                         |     |                                              |     |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                 |
| <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> 39<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: 450             |       |      |      |      |      |
| A                                                   | B     | C    | D    | E    | FX   |
| 60,0                                                | 24,44 | 7,78 | 4,89 | 2,67 | 0,22 |
| <b>Lecturers:</b> doc. RNDr. Tomáš Roch, Dr. techn. |       |      |      |      |      |
| <b>Last change:</b> 17.10.2022                      |       |      |      |      |      |
| <b>Approved by:</b>                                 |       |      |      |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |      |                                                  |     |      |      |
| <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> 26<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: 840                                                                                                                          |      |                                                  |     |      |      |
| A                                                                                                                                                                                                  | B    | C                                                | D   | E    | FX   |
| 63,81                                                                                                                                                                                              | 24,4 | 6,19                                             | 0,0 | 2,38 | 3,21 |
| <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

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                       |       |                                                            |       |       |      |
| <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> 39<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: 146                                                                                                                             |       |                                                            |       |       |      |
| A                                                                                                                                                                                                     | B     | C                                                          | D     | E     | FX   |
| 17,81                                                                                                                                                                                                 | 23,97 | 19,86                                                      | 17,12 | 17,12 | 4,11 |
| <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

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                 |     |                                                                    |     |     |       |
| <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> 13 / 13<br><b>Form of the course:</b> on-site learning                                                                                                                           |     |                                                                    |     |     |       |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                     |     |                                                                    |     |     |       |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                                                                                                                                                         |     |                                                                    |     |     |       |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                                                                                                                               |     |                                                                    |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                           |     |                                                                    |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                     |     |                                                                    |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                       |     |                                                                    |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                          |     |                                                                    |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                  |     |                                                                    |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                              |     |                                                                    |     |     |       |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                   |     |                                                                    |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 58                                                                                                                                                                                                                                                                        |     |                                                                    |     |     |       |
| A                                                                                                                                                                                                                                                                                                                                               | B   | C                                                                  | D   | E   | FX    |
| 84,48                                                                                                                                                                                                                                                                                                                                           | 0,0 | 0,0                                                                | 0,0 | 0,0 | 15,52 |
| <b>Lecturers:</b> Mgr. Rastislav Cákoci, PhD., RNDr. Katarína Danielová, PhD., doc. RNDr. Daniel Gurňák, PhD., doc. RNDr. František Križan, PhD., Mgr. Michala Sládeková Madajová, PhD., RNDr. Angelika Švecová, PhD., Mgr. Martin Šveda, PhD., prof. RNDr. Ladislav Tolmáči, PhD., RNDr. Mgr. Anna Tolmáči, PhD., Mgr. Gabriel Zubriczký, PhD. |     |                                                                    |     |     |       |
| <b>Last change:</b> 15.05.2021                                                                                                                                                                                                                                                                                                                  |     |                                                                    |     |     |       |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                             |     |                                                                    |     |     |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                                                                                                                                                            |      |                                                        |      |      |      |
| <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> 26<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                         |      |                                                        |      |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                |      |                                                        |      |      |      |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                                                                                                                                                                                                                    |      |                                                        |      |      |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                                                                                                                                                                                          |      |                                                        |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                        |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                |      |                                                        |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                        |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                     |      |                                                        |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                             |      |                                                        |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                         |      |                                                        |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                              |      |                                                        |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 185                                                                                                                                                                                                                                                                                                                                  |      |                                                        |      |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                          | B    | C                                                      | D    | E    | FX   |
| 77,3                                                                                                                                                                                                                                                                                                                                                                                                       | 7,57 | 4,32                                                   | 3,24 | 1,08 | 6,49 |
| <b>Lecturers:</b> doc. RNDr. Renáta Fláková, 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> 2023/2024                                                                                                                                                                       |       |                                                               |       |      |       |
| <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> 13<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: 519                                                                                                                             |       |                                                               |       |      |       |
| A                                                                                                                                                                                                     | B     | C                                                             | D     | E    | FX    |
| 22,93                                                                                                                                                                                                 | 19,65 | 19,46                                                         | 13,87 | 10,6 | 13,49 |
| <b>Lecturers:</b> RNDr. Jana Chrappová, PhD., Mgr. Dominika Lacušková, doc. RNDr. Erik Rakovský, PhD., doc. Mgr. Olivier Monfort, PhD., Mgr. Martin Motola, PhD.                                      |       |                                                               |       |      |       |
| <b>Last change:</b> 09.10.2022                                                                                                                                                                        |       |                                                               |       |      |       |
| <b>Approved by:</b>                                                                                                                                                                                   |       |                                                               |       |      |       |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |      |                                                   |     |     |     |
| <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> 13<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: 300                                                                                                                          |      |                                                   |     |     |     |
| A                                                                                                                                                                                                  | B    | C                                                 | D   | E   | FX  |
| 90,67                                                                                                                                                                                              | 0,33 | 0,0                                               | 0,0 | 0,0 | 9,0 |
| <b>Lecturers:</b> doc. RNDr. Vladimíra Džugasová, PhD., doc. RNDr. Eliška Gálová, PhD., RNDr. Regina Sepšiová, PhD., prof. RNDr. Andrea Ševčovičová, PhD.                                          |      |                                                   |     |     |     |
| <b>Last change:</b> 14.07.2022                                                                                                                                                                     |      |                                                   |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                                   |     |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------|------|-----|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                                                       |      |     |      |
| <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> 26<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: 119                                                                                                                          |       |                                                       |      |     |      |
| A                                                                                                                                                                                                  | B     | C                                                     | D    | E   | FX   |
| 60,5                                                                                                                                                                                               | 26,05 | 10,92                                                 | 1,68 | 0,0 | 0,84 |
| <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

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------|-----|-----|-------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                             |     |                                       |     |     |       |
| <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: 177                                                                                                                                                                                                   |     |                                       |     |     |       |
| A                                                                                                                                                                                                                                                                           | B   | C                                     | D   | E   | FX    |
| 57,06                                                                                                                                                                                                                                                                       | 0,0 | 0,0                                   | 0,0 | 0,0 | 42,94 |
| <b>Lecturers:</b> PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová |     |                                       |     |     |       |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                              |     |                                       |     |     |       |
| <b>Approved by:</b>                                                                                                                                                                                                                                                         |     |                                       |     |     |       |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------|------|-----|-------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                    |       |                                                                         |      |     |       |
| <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> 26<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    |
| 72,22                                                                                                                                                                                                                                              | 11,11 | 0,0                                                                     | 5,56 | 0,0 | 11,11 |
| <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

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |     |                                                                     |     |     |     |
| <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> 26<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: 16                                                                                                                           |     |                                                                     |     |     |     |
| 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.  |     |                                                                     |     |     |     |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                     |     |                                                                     |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                                     |     |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------|------|------|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                                                                        |      |      |     |
| <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> 13<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: 215                                                                                                                          |       |                                                                        |      |      |     |
| A                                                                                                                                                                                                  | B     | C                                                                      | D    | E    | FX  |
| 40,0                                                                                                                                                                                               | 20,47 | 16,28                                                                  | 8,37 | 5,58 | 9,3 |
| <b>Lecturers:</b> RNDr. Renáta Górová, PhD., RNDr. Helena Jurdáková, PhD., RNDr. Jaroslav Blaško, PhD., RNDr. Katarína Chovancová, PhD.                                                            |       |                                                                        |      |      |     |
| <b>Last change:</b> 07.09.2022                                                                                                                                                                     |       |                                                                        |      |      |     |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                                        |      |      |     |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------|-------|------|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                              |       |                                                                     |       |      |     |
| <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> 26<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: 448                                                                                                                                                                                    |       |                                                                     |       |      |     |
| A                                                                                                                                                                                                                                                            | B     | C                                                                   | D     | E    | FX  |
| 32,59                                                                                                                                                                                                                                                        | 22,54 | 18,53                                                               | 10,71 | 9,82 | 5,8 |
| <b>Lecturers:</b> RNDr. Viera Poláčková, PhD., Mgr. Iveta Kmentová, PhD., Mgr. Peter Šramel, PhD.,<br>Mgr. Dominika Mravcová, PhD., Mgr. Bernard Mravec, PhD., Mgr. Viktória Némethová, PhD.,<br>PharmDr. Ivica Sigmundová, PhD., RNDr. Pavol Tisovský, PhD. |       |                                                                     |       |      |     |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                                                                               |       |                                                                     |       |      |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                          |       |                                                                     |       |      |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------|-----|------|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |      |                                                  |     |      |     |
| <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> 26<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: 92                                                                                                                           |      |                                                  |     |      |     |
| A                                                                                                                                                                                                  | B    | C                                                | D   | E    | FX  |
| 96,74                                                                                                                                                                                              | 1,09 | 0,0                                              | 0,0 | 2,17 | 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

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |     |                                                                                                |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                                                                |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                                                |     |     |      |
| <b>Course ID:</b><br>PriF.GÚ/N-bXXX-003/23                                                                                                                                                         |     | <b>Course title:</b><br>Soft-skills: Scientific Literacy and Communication in Natural Sciences |     |     |      |
| <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> 13<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: 125                                                                                                                          |     |                                                                                                |     |     |      |
| A                                                                                                                                                                                                  | B   | C                                                                                              | D   | E   | FX   |
| 60,8                                                                                                                                                                                               | 5,6 | 6,4                                                                                            | 6,4 | 3,2 | 17,6 |
| <b>Lecturers:</b> doc. RNDr. Martin Urík, PhD.                                                                                                                                                     |     |                                                                                                |     |     |      |
| <b>Last change:</b> 30.08.2023                                                                                                                                                                     |     |                                                                                                |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                                                                |     |     |      |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------|-----|-----|-------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                             |     |                                                            |     |     |       |
| <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: 142                                                                                                                                                                                                   |     |                                                            |     |     |       |
| A                                                                                                                                                                                                                                                                           | B   | C                                                          | D   | E   | FX    |
| 67,61                                                                                                                                                                                                                                                                       | 0,0 | 0,0                                                        | 0,0 | 0,0 | 32,39 |
| <b>Lecturers:</b> PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová |     |                                                            |     |     |       |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                              |     |                                                            |     |     |       |
| <b>Approved by:</b>                                                                                                                                                                                                                                                         |     |                                                            |     |     |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                                           |      |      |      |
| <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> 26<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: 185                                                                                                                          |       |                                           |      |      |      |
| A                                                                                                                                                                                                  | B     | C                                         | D    | E    | FX   |
| 62,16                                                                                                                                                                                              | 14,59 | 4,32                                      | 1,08 | 0,54 | 17,3 |
| <b>Lecturers:</b> doc. Mgr. Peter Vďačný, PhD.                                                                                                                                                     |       |                                           |      |      |      |
| <b>Last change:</b> 07.11.2022                                                                                                                                                                     |       |                                           |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                           |      |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |     |                                                          |     |     |     |
| <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> 26<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: 39                                                                                                                           |     |                                                          |     |     |     |
| 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

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |       |                                                      |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                      |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                      |     |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-140/23                                                                                                                                                         |       | <b>Course title:</b><br>UNIcert preparatory course 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> 26<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: 45                                                                                                                           |       |                                                      |     |     |     |
| A                                                                                                                                                                                                  | B     | C                                                    | D   | E   | FX  |
| 86,67                                                                                                                                                                                              | 13,33 | 0,0                                                  | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., RNDr. Tatiana Slováková, PhD.                                                                |       |                                                      |     |     |     |
| <b>Last change:</b> 01.08.2023                                                                                                                                                                     |       |                                                      |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                      |     |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                    |     |                                                      |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                      |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                      |     |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-141/23                                                                                                                                                         |     | <b>Course title:</b><br>UNIcert preparatory course 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> 26<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: 43                                                                                                                           |     |                                                      |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                    | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                  | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Barbara Kordíková, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Aneta Barnes, Mgr. Lenka Jeleňová                                                                              |     |                                                      |     |     |     |
| <b>Last change:</b> 01.08.2023                                                                                                                                                                     |     |                                                      |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                      |     |     |     |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------|-----|-----|-------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                     |     |                                                            |     |     |       |
| <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: 232                                                                                                                                                                           |     |                                                            |     |     |       |
| A                                                                                                                                                                                                                                                   | B   | C                                                          | D   | E   | FX    |
| 62,93                                                                                                                                                                                                                                               | 0,0 | 0,0                                                        | 0,0 | 0,0 | 37,07 |
| <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. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová |     |                                                            |     |     |       |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                      |     |                                                            |     |     |       |
| <b>Approved by:</b>                                                                                                                                                                                                                                 |     |                                                            |     |     |       |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------|-----|-----|-------|
| <b>Academic year:</b> 2023/2024                                                                                                                                                                                                                                             |     |                                                 |     |     |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                           |     |                                                 |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                 |     |                                                 |     |     |       |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-109/22                                                                                                                                                                                                                                 |     | <b>Course title:</b><br>Ďumbier mountain hiking |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> other<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 3d<br><b>Form of the course:</b> on-site learning                                                                              |     |                                                 |     |     |       |
| <b>Number of credits:</b> 1                                                                                                                                                                                                                                                 |     |                                                 |     |     |       |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                                                                                     |     |                                                 |     |     |       |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                |     |                                                 |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                       |     |                                                 |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                 |     |                                                 |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                   |     |                                                 |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                      |     |                                                 |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                              |     |                                                 |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                          |     |                                                 |     |     |       |
| <b>Notes:</b>                                                                                                                                                                                                                                                               |     |                                                 |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 303                                                                                                                                                                                                   |     |                                                 |     |     |       |
| A                                                                                                                                                                                                                                                                           | B   | C                                               | D   | E   | FX    |
| 64,69                                                                                                                                                                                                                                                                       | 0,0 | 0,0                                             | 0,0 | 0,0 | 35,31 |
| <b>Lecturers:</b> PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová |     |                                                 |     |     |       |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                              |     |                                                 |     |     |       |
| <b>Approved by:</b>                                                                                                                                                                                                                                                         |     |                                                 |     |     |       |