

# Course descriptions

## TABLE OF CONTENTS

|                                                                                                                                  |    |
|----------------------------------------------------------------------------------------------------------------------------------|----|
| 1. PriF-DSSZ-123/12 A chapter in a scientific monograph issued by a Slovak publisher.....                                        | 3  |
| 2. PriF-DSSZ-122/12 A chapter in a scientific monograph issued by a foreign publisher.....                                       | 4  |
| 3. PriF-DSSZ-134/12 A citation in a Slovak publication,unregisterd in citation indices.....                                      | 5  |
| 4. PriF-DSSZ-133/12 A citation in a foreign publication, unregistered in citation indices.....                                   | 6  |
| 5. PriF-DSSZ-132/12 A citation in a publication registered in the Web of Science citation indices and in the SCOPUS datable..... | 7  |
| 6. PriF-DSSZ-126/12 A publication in a Slovak peer-reviewed,non current contents journal.....                                    | 8  |
| 7. PriF-DSSZ-125/12 A publication in a foreign peer-reviewed, non current contents journal.....                                  | 9  |
| 8. PriF-DSSZ-124/12 A publication in a peer-reviewed scientific journal.....                                                     | 10 |
| 9. PriF-DSSZ-121/12 A scientific monograph or an equivalent scientific study issued by a Slovak publisher.....                   | 11 |
| 10. PriF-DSSZ-120/12 A scientific monograph or an equivalent scientific study issued by a foreign publisher.....                 | 12 |
| 11. PriF-DSSZ-127/12 A scientific paper in a peer-reviewed foreign collective volume or a monograph.....                         | 13 |
| 12. PriF-DSSZ-135/13 A scientific paper in foreign journals registered in the Web of Science or SCOPUS databases.....            | 14 |
| 13. PriF-DSSZ-136/13 A scientific paper in Slovak journals registered in the Web of Science or SCOPUS databases.....             | 15 |
| 14. PriF-DSSZ-128/12 A scientific paper in a peer-reviewed Slovak collective volume or monograph.....                            | 16 |
| 15. PriF-DSSZ-106/12 Active participation on international scientific conference.....                                            | 17 |
| 16. PriF-DSSZ-107/12 Active participation on national scientific conference.....                                                 | 18 |
| 17. PriF-DSSZ-130/12 An abstract for a Slovak hosted conference.....                                                             | 19 |
| 18. PriF-DSSZ-129/12 An abstract for a conference abroad.....                                                                    | 20 |
| 19. PriF-DSSZ-204/12 Assistance in supervising of undergraduate student.....                                                     | 21 |
| 20. PriF-DSSZ-211/12 Authorship in a university textbook and study texts.....                                                    | 22 |
| 21. PriF-DSSZ-212/12 Authorship in a chapter in a university textbook and study texts.....                                       | 23 |
| 22. PriF-DSSZ-202/12 Authorship of teaching text.....                                                                            | 24 |
| 23. PriF-DBFZ-309/12 Behavioural Physiology ( <b>state exam</b> ).....                                                           | 25 |
| 24. PriF-DBFZ-310/12 Cell Signalling ( <b>state exam</b> ).....                                                                  | 26 |
| 25. N-DBFZ-001/15 Cell and Molecular Animal Physiology.....                                                                      | 27 |
| 26. PriF-DBFZ-305/12 Cell and Molecular Physiology ( <b>state exam</b> ).....                                                    | 28 |
| 27. PriF-DSSZ-118/12 Citácie SCI.....                                                                                            | 29 |
| 28. PriF-DSSZ-116/12 Citácie domáce.....                                                                                         | 30 |
| 29. PriF-DSSZ-117/12 Citácie zahraničné.....                                                                                     | 31 |
| 30. PriF-DSSZ-111/12 Co-researcher of supervisor's project or other projects.....                                                | 32 |
| 31. PriF-DSSZ-109/12 Comenius University grant for young scientific researchers or its equivalent.....                           | 33 |
| 32. PriF-DSSZ-203/12 Cooperation in preparation of textbooks and development of aids.....                                        | 34 |
| 33. PriF-DSSZ-131/12 Copyright certificates, patents and findings.....                                                           | 35 |
| 34. PriF-DSSZ-001/12 Dissertation 1.....                                                                                         | 36 |
| 35. PriF-DSSZ-002/12 Dissertation 2.....                                                                                         | 37 |
| 36. PriF-DSSZ-003/12 Dissertation 3.....                                                                                         | 38 |
| 37. PriF-DSSZ-004/12 Dissertation 4.....                                                                                         | 39 |
| 38. PriF-DSSZ-005/12 Dissertation 5.....                                                                                         | 40 |
| 39. PriF-DSSZ-006/12 Dissertation 6.....                                                                                         | 41 |

|                      |                                                                                                                          |    |
|----------------------|--------------------------------------------------------------------------------------------------------------------------|----|
| 40. PriF-DSSZ-007/12 | Dissertation 7.....                                                                                                      | 42 |
| 41. PriF-DSSZ-208/12 | Doktorandský seminár.....                                                                                                | 43 |
| 42. PriF-DBFZ-303/12 | Formal interview on dissertation thesis ( <b>state exam</b> ).....                                                       | 44 |
| 43. PriF-DSSZ-110/12 | Grant from the Faculty of Natural Sciences for doctoral students, Grant from the SAS or any equivalent of these two..... | 45 |
| 44. N-DBFZ-008/12    | Immunogenetics.....                                                                                                      | 46 |
| 45. PriF-DSSZ-210/12 | Internship abroad.....                                                                                                   | 47 |
| 46. PriF-DSSZ-213/12 | Internship abroad.....                                                                                                   | 48 |
| 47. PriF-DSSZ-115/12 | Lecture on workplace seminar.....                                                                                        | 49 |
| 48. PriF-DSSZ-113/12 | Mastering of experimental methodology.....                                                                               | 50 |
| 49. PriF-DSSZ-302/12 | Oral defence of dissertation thesis ( <b>state exam</b> ).....                                                           | 51 |
| 50. PriF-DSSZ-008/15 | Oral defence of dissertation thesis (Dissertation 8).....                                                                | 52 |
| 51. PriF-DSSZ-119/12 | Other activities.....                                                                                                    | 53 |
| 52. PriF-DSSZ-108/12 | Participation on Student Scientific Conference.....                                                                      | 54 |
| 53. PriF-DSSZ-114/12 | Patenty, vynálezy, software.....                                                                                         | 55 |
| 54. N-DBFZ-003/15    | Physiology of Adaptation.....                                                                                            | 56 |
| 55. PriF-DBFZ-306/12 | Physioogy of Adaptations ( <b>state exam</b> ).....                                                                      | 57 |
| 56. N-DSSZ-018/13    | Professional Oral Communication.....                                                                                     | 58 |
| 57. N-DSSZ-019/13    | Professional Oral Communication.....                                                                                     | 59 |
| 58. PriF-DSSZ-209/12 | Príprava seminára pre študentov.....                                                                                     | 60 |
| 59. PriF-DSSZ-104/12 | Publication in international peer-reviewed proceedings.....                                                              | 61 |
| 60. PriF-DSSZ-101/12 | Publication in national and international Current Contents scientific journal.....                                       | 62 |
| 61. PriF-DSSZ-103/12 | Publication in national peer-reviewed scientific journal.....                                                            | 63 |
| 62. PriF-DSSZ-105/12 | Publication in national reviewed proceedings.....                                                                        | 64 |
| 63. PriF-DSSZ-102/12 | Publikácia v zahraničnom recenzovanom vedeckom časopise.....                                                             | 65 |
| 64. PriF-DSSZ-206/12 | Review of Bachelor's work ( qualifying thesis for the Bachelor's degree).....                                            | 66 |
| 65. N-DSSZ-016/12    | Scientific English.....                                                                                                  | 67 |
| 66. N-DSSZ-020/17    | Slovak for foreign doctoral students.....                                                                                | 68 |
| 67. N-DSSZ-021/17    | Slovak for foreign doctoral students.....                                                                                | 69 |
| 68. N-DBFZ-002/15    | Special Animal Physiology.....                                                                                           | 70 |
| 69. PriF-DBFZ-304/12 | Special Animal Physiology ( <b>state exam</b> ).....                                                                     | 71 |
| 70. PriF-DSSZ-205/12 | Supervision of Bachelor's work ( qualifying thesis for the Bachelor's degree).....                                       | 72 |
| 71. PriF-DSSZ-207/12 | Supervision of student's participation in the Students' Scientific Conference.....                                       | 73 |
| 72. PriF-DSSZ-201/12 | The doctoral student's pedagogical activities.....                                                                       | 74 |
| 73. PriF-DSSZ-214/13 | The doctoral student's pedagogical activities.....                                                                       | 75 |
| 74. N-DBFZ-004/15    | V Behaviorálna fyziológia.....                                                                                           | 76 |
| 75. N-DBFZ-005/15    | V Bunková signalizácia.....                                                                                              | 77 |
| 76. N-DSSZ-017/13    | Writing Professional English.....                                                                                        | 78 |
| 77. PriF-DSSZ-018/13 | Writing Professional English.....                                                                                        | 79 |
| 78. PriF-DSSZ-112/12 | Zavedenie novej experimentálnej metodiky.....                                                                            | 80 |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|------------------------------------------------------------------------------------------|-----|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                          |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                          |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-123/12                                                                                                                                |     |     | <b>Course title:</b><br>A chapter in a scientific monograph issued by a Slovak publisher |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                          |     |     |     |       |
| <b>Number of credits:</b> 10                                                                                                                                                   |     |     |                                                                                          |     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                          |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                          |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                          |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                          |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                          |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                          |     |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |                                                                                          |     |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |                                                                                          |     |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |                                                                                          |     |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 3                                                                                                        |     |     |                                                                                          |     |     |     |       |
| A                                                                                                                                                                              | B   | C   | D                                                                                        | E   | FX  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0                                                                                      | 0,0 | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                          |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                          |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                          |     |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-------------------------------------------------------------------------------------------|-----|-----|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                           |     |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                           |     |     |     |      |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-122/12                                                                                                                                |     |     | <b>Course title:</b><br>A chapter in a scientific monograph issued by a foreign publisher |     |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                           |     |     |     |      |
| <b>Number of credits:</b> 14                                                                                                                                                   |     |     |                                                                                           |     |     |     |      |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                           |     |     |     |      |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                           |     |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                           |     |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                           |     |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                           |     |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                           |     |     |     |      |
| <b>Recommended 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  | N   | P    |
| 20,0                                                                                                                                                                           | 0,0 | 0,0 | 0,0                                                                                       | 0,0 | 0,0 | 0,0 | 80,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                           |     |     |     |      |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                           |     |     |     |      |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                           |     |     |     |      |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|--------------------------------------------------------------------------------------------|-----|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                            |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                            |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-134/12                                                                                                                                |     |     | <b>Course title:</b><br>A citation in a Slovak publication,unregisterd in citation indices |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                            |     |     |     |       |
| <b>Number of credits:</b> 2                                                                                                                                                    |     |     |                                                                                            |     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                            |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                            |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                            |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                            |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                            |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                            |     |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |                                                                                            |     |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |                                                                                            |     |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |                                                                                            |     |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                        |     |     |                                                                                            |     |     |     |       |
| A                                                                                                                                                                              | B   | C   | D                                                                                          | E   | FX  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0                                                                                        | 0,0 | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                            |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                            |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                            |     |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----------------------------------------------------------------------------------------------|-----|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                               |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                               |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-133/12                                                                                                                                |     |     | <b>Course title:</b><br>A citation in a foreign publication, unregistered in citation indices |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                               |     |     |     |       |
| <b>Number of credits:</b> 3                                                                                                                                                    |     |     |                                                                                               |     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                               |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                               |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                               |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                               |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                               |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                               |     |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |                                                                                               |     |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |                                                                                               |     |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |                                                                                               |     |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 10                                                                                                       |     |     |                                                                                               |     |     |     |       |
| A                                                                                                                                                                              | B   | C   | D                                                                                             | E   | FX  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0                                                                                           | 0,0 | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                               |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                               |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                               |     |     |     |       |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                             |     |     |                                                                                                                                  |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                      |     |     |                                                                                                                                  |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-132/12                                                                                                                                  |     |     | <b>Course title:</b><br>A citation in a publication registered in the Web of Science citation indices and in the SCOPUS databale |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:   per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                                                                  |     |     |     |       |
| <b>Number of credits:</b> 4                                                                                                                                                      |     |     |                                                                                                                                  |     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                     |     |     |                                                                                                                                  |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                   |     |     |                                                                                                                                  |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                            |     |     |                                                                                                                                  |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                      |     |     |                                                                                                                                  |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                        |     |     |                                                                                                                                  |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                           |     |     |                                                                                                                                  |     |     |     |       |
| <b>Recommended 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  | N   | P     |
| 11,43                                                                                                                                                                            | 0,0 | 0,0 | 0,0                                                                                                                              | 0,0 | 0,0 | 0,0 | 88,57 |
| <b>Lecturers:</b>                                                                                                                                                                |     |     |                                                                                                                                  |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                              |     |     |                                                                                                                                  |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |     |                                                                                                                                  |     |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----------------------------------------------------------------------------------------------|-----|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                               |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                               |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-126/12                                                                                                                                |     |     | <b>Course title:</b><br>A publication in a Slovak peer-reviewed, non current contents journal |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                               |     |     |     |       |
| <b>Number of credits:</b> 10                                                                                                                                                   |     |     |                                                                                               |     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                               |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                               |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                               |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                               |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                               |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                               |     |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |                                                                                               |     |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |                                                                                               |     |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |                                                                                               |     |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 19                                                                                                       |     |     |                                                                                               |     |     |     |       |
| A                                                                                                                                                                              | B   | C   | D                                                                                             | E   | FX  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0                                                                                           | 0,0 | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                               |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                               |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                               |     |     |     |       |



## COURSE DESCRIPTION

|                                                                                                                                                                                |     |     |                                                                                                |     |     |     |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|------------------------------------------------------------------------------------------------|-----|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                                |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                                |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-125/12                                                                                                                                |     |     | <b>Course title:</b><br>A publication in a foreign peer-reviewed, non current contents journal |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                                |     |     |     |       |
| <b>Number of credits:</b> 14                                                                                                                                                   |     |     |                                                                                                |     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                                |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                                |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                                |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                                |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                                |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                                |     |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |                                                                                                |     |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |                                                                                                |     |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |                                                                                                |     |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 7                                                                                                        |     |     |                                                                                                |     |     |     |       |
| A                                                                                                                                                                              | B   | C   | D                                                                                              | E   | FX  | N   | P     |
| 14,29                                                                                                                                                                          | 0,0 | 0,0 | 0,0                                                                                            | 0,0 | 0,0 | 0,0 | 85,71 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                                |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                                |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                                |     |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----------------------------------------------------------------------------|-----|-----|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                             |     |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                             |     |     |     |      |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-124/12                                                                                                                                |     |     | <b>Course title:</b><br>A publication in a peer-reviewed scientific journal |     |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                             |     |     |     |      |
| <b>Number of credits:</b> 28                                                                                                                                                   |     |     |                                                                             |     |     |     |      |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                             |     |     |     |      |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                             |     |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                             |     |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                             |     |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                             |     |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                             |     |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |                                                                             |     |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |                                                                             |     |     |     |      |
| <b>Notes:</b>                                                                                                                                                                  |     |     |                                                                             |     |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 84                                                                                                       |     |     |                                                                             |     |     |     |      |
| A                                                                                                                                                                              | B   | C   | D                                                                           | E   | FX  | N   | P    |
| 11,9                                                                                                                                                                           | 0,0 | 0,0 | 0,0                                                                         | 0,0 | 0,0 | 0,0 | 88,1 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                             |     |     |     |      |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                             |     |     |     |      |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                             |     |     |     |      |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|---------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                                               |     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                                               |     |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-121/12                                                                                                                                |     |     | <b>Course title:</b><br>A scientific monograph or an equivalent scientific study issued by a Slovak publisher |     |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                                               |     |     |     |     |
| <b>Number of credits:</b> 20                                                                                                                                                   |     |     |                                                                                                               |     |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                                               |     |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                                               |     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                                               |     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                                               |     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                                               |     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                                               |     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |                                                                                                               |     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |                                                                                                               |     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |     |     |                                                                                                               |     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                        |     |     |                                                                                                               |     |     |     |     |
| A                                                                                                                                                                              | B   | C   | D                                                                                                             | E   | FX  | N   | P   |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0                                                                                                           | 0,0 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                                               |     |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                                               |     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                                               |     |     |     |     |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|----------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                                                |     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                                                |     |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-120/12                                                                                                                                |     |     | <b>Course title:</b><br>A scientific monograph or an equivalent scientific study issued by a foreign publisher |     |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                                                |     |     |     |     |
| <b>Number of credits:</b> 30                                                                                                                                                   |     |     |                                                                                                                |     |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                                                |     |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                                                |     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                                                |     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                                                |     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                                                |     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                                                |     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |                                                                                                                |     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |                                                                                                                |     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |     |     |                                                                                                                |     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                        |     |     |                                                                                                                |     |     |     |     |
| A                                                                                                                                                                              | B   | C   | D                                                                                                              | E   | FX  | N   | P   |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                                                |     |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                                                |     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                                                |     |     |     |     |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|--------------------------------------------------------------------------------------------------------|-----|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                                        |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                                        |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-127/12                                                                                                                                |     |     | <b>Course title:</b><br>A scientific paper in a peer-reviewed foreign collective volume or a monograph |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                                        |     |     |     |       |
| <b>Number of credits:</b> 8                                                                                                                                                    |     |     |                                                                                                        |     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                                        |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                                        |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                                        |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                                        |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                                        |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                                        |     |     |     |       |
| <b>Recommended 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  | N   | P     |
| 8,33                                                                                                                                                                           | 0,0 | 0,0 | 0,0                                                                                                    | 0,0 | 0,0 | 0,0 | 91,67 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                                        |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                                        |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                                        |     |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                                                     |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                                                     |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-135/13                                                                                                                                |     |     | <b>Course title:</b><br>A scientific paper in foreign journals registered in the Web of Science or SCOPUS databases |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                                                     |     |     |     |       |
| <b>Number of credits:</b> 19                                                                                                                                                   |     |     |                                                                                                                     |     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                                                     |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                                                     |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                                                     |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                                                     |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                                                     |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                                                     |     |     |     |       |
| <b>Recommended 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  | N   | P     |
| 8,33                                                                                                                                                                           | 0,0 | 0,0 | 0,0                                                                                                                 | 0,0 | 0,0 | 0,0 | 91,67 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                                                     |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                                                     |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                                                     |     |     |     |       |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                             |     |     |                                                                                                                    |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                      |     |     |                                                                                                                    |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-136/13                                                                                                                                  |     |     | <b>Course title:</b><br>A scientific paper in Slovak journals registered in the Web of Science or SCOPUS databases |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:   per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                                                    |     |     |     |       |
| <b>Number of credits:</b> 15                                                                                                                                                     |     |     |                                                                                                                    |     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                     |     |     |                                                                                                                    |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                   |     |     |                                                                                                                    |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                            |     |     |                                                                                                                    |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                      |     |     |                                                                                                                    |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                        |     |     |                                                                                                                    |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                           |     |     |                                                                                                                    |     |     |     |       |
| <b>Recommended 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  | N   | P     |
| 8,33                                                                                                                                                                             | 0,0 | 0,0 | 0,0                                                                                                                | 0,0 | 0,0 | 0,0 | 91,67 |
| <b>Lecturers:</b>                                                                                                                                                                |     |     |                                                                                                                    |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                              |     |     |                                                                                                                    |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |     |                                                                                                                    |     |     |     |       |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                                     |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                                     |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-128/12                                                                                                                                |     |     | <b>Course title:</b><br>A scientific paper in a peer-reviewed Slovak collective volume or monograph |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                                     |     |     |     |       |
| <b>Number of credits:</b> 6                                                                                                                                                    |     |     |                                                                                                     |     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                                     |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                                     |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                                     |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                                     |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                                     |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                                     |     |     |     |       |
| <b>Recommended 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  | N   | P     |
| 18,64                                                                                                                                                                          | 0,0 | 0,0 | 0,0                                                                                                 | 0,0 | 0,0 | 0,0 | 81,36 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                                     |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                                     |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                                     |     |     |     |       |



## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-------------------------------------------------------------------------------------|-----|-----|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                     |     |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                     |     |     |     |      |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-106/12                                                                                                                                |     |     | <b>Course title:</b><br>Active participation on international scientific conference |     |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                     |     |     |     |      |
| <b>Number of credits:</b> 10                                                                                                                                                   |     |     |                                                                                     |     |     |     |      |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                     |     |     |     |      |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                     |     |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                     |     |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                     |     |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                     |     |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                     |     |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |                                                                                     |     |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |                                                                                     |     |     |     |      |
| <b>Notes:</b>                                                                                                                                                                  |     |     |                                                                                     |     |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 23                                                                                                       |     |     |                                                                                     |     |     |     |      |
| A                                                                                                                                                                              | B   | C   | D                                                                                   | E   | FX  | N   | P    |
| 8,7                                                                                                                                                                            | 0,0 | 0,0 | 0,0                                                                                 | 0,0 | 0,0 | 0,0 | 91,3 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                     |     |     |     |      |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                     |     |     |     |      |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                     |     |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                |     |     |     |                                                                                |     |     |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|--------------------------------------------------------------------------------|-----|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                                                |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                                                |     |     |      |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-107/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Active participation on national scientific conference |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                                                |     |     |      |
| <b>Number of credits:</b> 6                                                                                                                                                    |     |     |     |                                                                                |     |     |      |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                                                |     |     |      |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                                                |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                                                |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                                                |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                                                |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                                                |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                                                |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                                                |     |     |      |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                                                |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 20                                                                                                       |     |     |     |                                                                                |     |     |      |
| A                                                                                                                                                                              | B   | C   | D   | E                                                                              | FX  | N   | P    |
| 5,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                                                            | 0,0 | 0,0 | 95,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                                                                |     |     |      |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                                                |     |     |      |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                                                |     |     |      |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|--------------------------------------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                                    |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                                    |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-130/12                                                                                                                                |     |     |     | <b>Course title:</b><br>An abstract for a Slovak hosted conference |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                                    |     |     |       |
| <b>Number of credits:</b> 3                                                                                                                                                    |     |     |     |                                                                    |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                                    |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                                    |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                                    |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                                    |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                                    |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                                    |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                                    |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                                    |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                                    |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 126                                                                                                      |     |     |     |                                                                    |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                                                  | FX  | N   | P     |
| 14,29                                                                                                                                                                          | 0,0 | 0,0 | 0,0 | 0,0                                                                | 0,0 | 0,0 | 85,71 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                                                    |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                                    |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                                    |     |     |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                |     |     |     |                                                             |     |     |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-------------------------------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                             |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                             |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-129/12                                                                                                                                |     |     |     | <b>Course title:</b><br>An abstract for a conference abroad |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                             |     |     |       |
| <b>Number of credits:</b> 4                                                                                                                                                    |     |     |     |                                                             |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                             |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                             |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                             |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                             |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                             |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                             |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                             |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                             |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                             |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 164                                                                                                      |     |     |     |                                                             |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                                           | FX  | N   | P     |
| 14,02                                                                                                                                                                          | 0,0 | 0,0 | 0,0 | 0,0                                                         | 0,0 | 0,0 | 85,98 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                                             |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                             |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                             |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----------------------------------------------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                                            |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                                            |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-204/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Assistance in supervising of undergraduate student |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                                            |     |     |       |
| <b>Number of credits:</b> 4                                                                                                                                                    |     |     |     |                                                                            |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                                            |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                                            |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                                            |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                                            |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                                            |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                                            |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                                            |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                                            |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                                            |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                        |     |     |     |                                                                            |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                                                          | FX  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                                                        | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |     |     |                                                                            |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                                            |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                                            |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                                             |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                                             |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-211/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Authorship in a university textbook and study texts |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                                             |     |     |     |
| <b>Number of credits:</b> 20                                                                                                                                                   |     |     |     |                                                                             |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                                             |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                                             |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                                             |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                                             |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                                             |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                                             |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                                             |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                                             |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                                             |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                        |     |     |     |                                                                             |     |     |     |
| A                                                                                                                                                                              | B   | C   | D   | E                                                                           | FX  | N   | P   |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                                                         | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |     |     |                                                                             |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                                             |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                                             |     |     |     |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|------------------------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                                                          |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                                                          |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-212/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Authorship in a chapter in a university textbook and study texts |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                                                          |     |     |     |
| <b>Number of credits:</b> 7                                                                                                                                                    |     |     |     |                                                                                          |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                                                          |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                                                          |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                                                          |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                                                          |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                                                          |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                                                          |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                                                          |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                                                          |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                                                          |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                        |     |     |     |                                                                                          |     |     |     |
| A                                                                                                                                                                              | B   | C   | D   | E                                                                                        | FX  | N   | P   |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                                                                      | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |     |     |                                                                                          |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                                                          |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                                                          |     |     |     |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----------------------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-202/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Authorship of teaching text |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                     |     |     |       |
| <b>Number of credits:</b> 12                                                                                                                                                   |     |     |     |                                                     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                     |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                     |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                     |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                     |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                        |     |     |     |                                                     |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                                   | FX  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                                 | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |     |     |                                                     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                     |     |     |       |



## STATE EXAM DESCRIPTION

|                                                      |                                                |
|------------------------------------------------------|------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                                |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                                |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DBFZ-309/12      | <b>Course title:</b><br>Behavioural Physiology |
| <b>Number of credits:</b> 3                          |                                                |
| <b>Educational level:</b> III.                       |                                                |
| <b>State exam syllabus:</b>                          |                                                |
| <b>Last change:</b>                                  |                                                |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.  |                                                |

## STATE EXAM DESCRIPTION

|                                                      |                                         |
|------------------------------------------------------|-----------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                         |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                         |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DBFZ-310/12      | <b>Course title:</b><br>Cell Signalling |
| <b>Number of credits:</b> 3                          |                                         |
| <b>Educational level:</b> III.                       |                                         |
| <b>State exam syllabus:</b>                          |                                         |
| <b>Last change:</b>                                  |                                         |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.  |                                         |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|------|--------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |       |      |      |                                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |       |      |      |                                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/N-DBFZ-001/15                                                                                                                                   |       |      |      | <b>Course title:</b><br>Cell and Molecular Animal Physiology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |      |      |                                                              |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                    |       |      |      |                                                              |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                |       |      |      |                                                              |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                 |       |      |      |                                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |       |      |      |                                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |       |      |      |                                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |       |      |      |                                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |       |      |      |                                                              |     |     |     |
| <b>Recommended 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  | N   | P   |
| 64,86                                                                                                                                                                          | 18,92 | 5,41 | 8,11 | 2,7                                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Iveta Herichová, PhD., prof. Ing. Oľga Križanová, DrSc.                                                                                            |       |      |      |                                                              |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |       |      |      |                                                              |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |       |      |      |                                                              |     |     |     |

## STATE EXAM DESCRIPTION

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|------------------------------------------------------|-------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                                       |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                                       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DBFZ-305/12      | <b>Course title:</b><br>Cell and Molecular Physiology |
| <b>Number of credits:</b> 3                          |                                                       |
| <b>Educational level:</b> III.                       |                                                       |
| <b>State exam syllabus:</b>                          |                                                       |
| <b>Last change:</b>                                  |                                                       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.  |                                                       |

## COURSE DESCRIPTION

|                                                                                                                                                                                |     |     |     |                                     |     |     |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-118/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Citácie SCI |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                     |     |     |       |
| <b>Number of credits:</b> 4                                                                                                                                                    |     |     |     |                                     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                     |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                     |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                     |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                     |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                        |     |     |     |                                     |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                   | FX  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                 | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                     |     |     |       |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                              |     |     |     |                                        |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                       |     |     |     |                                        |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-116/12                                                                                                                                   |     |     |     | <b>Course title:</b><br>Citácie domáce |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:    per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                        |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                       |     |     |     |                                        |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                      |     |     |     |                                        |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                    |     |     |     |                                        |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                             |     |     |     |                                        |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                       |     |     |     |                                        |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                         |     |     |     |                                        |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                            |     |     |     |                                        |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                    |     |     |     |                                        |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                |     |     |     |                                        |     |     |     |
| <b>Notes:</b>                                                                                                                                                                     |     |     |     |                                        |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                           |     |     |     |                                        |     |     |     |
| A                                                                                                                                                                                 | B   | C   | D   | E                                      | FX  | N   | P   |
| 0,0                                                                                                                                                                               | 0,0 | 0,0 | 0,0 | 0,0                                    | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                 |     |     |     |                                        |     |     |     |
| <b>Last change:</b>                                                                                                                                                               |     |     |     |                                        |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                               |     |     |     |                                        |     |     |     |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|--------------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                            |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                            |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-117/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Citácie zahraničné |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                            |     |     |       |
| <b>Number of credits:</b> 3                                                                                                                                                    |     |     |     |                                            |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                            |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                            |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                            |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                            |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                            |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                            |     |     |       |
| <b>Recommended 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  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                        | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                            |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                            |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                            |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|---------------------------------------------------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                                                 |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                                                 |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-111/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Co-researcher of supervisor's project or other projects |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                                                 |     |     |       |
| <b>Number of credits:</b> 5                                                                                                                                                    |     |     |     |                                                                                 |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                                                 |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                                                 |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                                                 |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                                                 |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                                                 |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                                                 |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                                                 |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                                                 |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                                                 |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 21                                                                                                       |     |     |     |                                                                                 |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                                                               | FX  | N   | P     |
| 4,76                                                                                                                                                                           | 0,0 | 0,0 | 0,0 | 0,0                                                                             | 0,0 | 0,0 | 95,24 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                                                                 |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                                                 |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                                                 |     |     |       |



## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|------------------------------------------------------------------------------------------------------|-----|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                                      |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                                      |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-109/12                                                                                                                                |     |     | <b>Course title:</b><br>Comenius University grant for young scientific researchers or its equivalent |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                                      |     |     |     |       |
| <b>Number of credits:</b> 12                                                                                                                                                   |     |     |                                                                                                      |     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                                      |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                                      |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                                      |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                                      |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                                      |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                                      |     |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |                                                                                                      |     |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |                                                                                                      |     |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |                                                                                                      |     |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 23                                                                                                       |     |     |                                                                                                      |     |     |     |       |
| A                                                                                                                                                                              | B   | C   | D                                                                                                    | E   | FX  | N   | P     |
| 21,74                                                                                                                                                                          | 0,0 | 0,0 | 0,0                                                                                                  | 0,0 | 0,0 | 0,0 | 78,26 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                                      |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                                      |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                                      |     |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----------------------------------------------------------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                                                         |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                                                         |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-203/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Cooperation in preparation of textbooks and development of aids |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                                                         |     |     |       |
| <b>Number of credits:</b> 5                                                                                                                                                    |     |     |     |                                                                                         |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                                                         |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                                                         |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                                                         |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                                                         |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                                                         |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                                                         |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                                                         |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                                                         |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                                                         |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                        |     |     |     |                                                                                         |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                                                                       | FX  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                                                                     | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |     |     |                                                                                         |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                                                         |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                                                         |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                                      |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                                      |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-131/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Copyright certificates, patents and findings |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                                      |     |     |     |
| <b>Number of credits:</b> 10                                                                                                                                                   |     |     |     |                                                                      |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                                      |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                                      |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                                      |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                                      |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                                      |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                                      |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                                      |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                                      |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                                      |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                        |     |     |     |                                                                      |     |     |     |
| A                                                                                                                                                                              | B   | C   | D   | E                                                                    | FX  | N   | P   |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                                                  | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                                                      |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                                      |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                                      |     |     |     |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                        |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                        |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-001/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Dissertation 1 |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                        |     |     |       |
| <b>Number of credits:</b> 5                                                                                                                                                    |     |     |     |                                        |     |     |       |
| <b>Recommended semester:</b> 1.                                                                                                                                                |     |     |     |                                        |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                        |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                        |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                        |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                        |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                        |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                        |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                        |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                        |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 66                                                                                                       |     |     |     |                                        |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                      | FX  | N   | P     |
| 59,09                                                                                                                                                                          | 0,0 | 0,0 | 0,0 | 0,0                                    | 0,0 | 0,0 | 40,91 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                        |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                        |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                        |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                        |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                        |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-002/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Dissertation 2 |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                        |     |     |       |
| <b>Number of credits:</b> 5                                                                                                                                                    |     |     |     |                                        |     |     |       |
| <b>Recommended semester:</b> 2.                                                                                                                                                |     |     |     |                                        |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                        |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                        |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                        |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                        |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                        |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                        |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                        |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                        |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 55                                                                                                       |     |     |     |                                        |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                      | FX  | N   | P     |
| 52,73                                                                                                                                                                          | 0,0 | 0,0 | 0,0 | 0,0                                    | 0,0 | 0,0 | 47,27 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                        |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                        |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                        |     |     |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                |     |     |     |                                        |     |     |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----------------------------------------|-----|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                        |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                        |     |     |      |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-003/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Dissertation 3 |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                        |     |     |      |
| <b>Number of credits:</b> 5                                                                                                                                                    |     |     |     |                                        |     |     |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                |     |     |     |                                        |     |     |      |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                        |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                        |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                        |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                        |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                        |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                        |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                        |     |     |      |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                        |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 61                                                                                                       |     |     |     |                                        |     |     |      |
| A                                                                                                                                                                              | B   | C   | D   | E                                      | FX  | N   | P    |
| 45,9                                                                                                                                                                           | 0,0 | 0,0 | 0,0 | 0,0                                    | 0,0 | 0,0 | 54,1 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                        |     |     |      |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                        |     |     |      |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                        |     |     |      |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                        |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                        |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-004/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Dissertation 4 |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                        |     |     |       |
| <b>Number of credits:</b> 5                                                                                                                                                    |     |     |     |                                        |     |     |       |
| <b>Recommended semester:</b> 4.                                                                                                                                                |     |     |     |                                        |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                        |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                        |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                        |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                        |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                        |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                        |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                        |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                        |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 54                                                                                                       |     |     |     |                                        |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                      | FX  | N   | P     |
| 18,52                                                                                                                                                                          | 0,0 | 0,0 | 0,0 | 0,0                                    | 0,0 | 0,0 | 81,48 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                        |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                        |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                        |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----------------------------------------|-----|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                        |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                        |     |     |      |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-005/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Dissertation 5 |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                        |     |     |      |
| <b>Number of credits:</b> 5                                                                                                                                                    |     |     |     |                                        |     |     |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                |     |     |     |                                        |     |     |      |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                        |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                        |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                        |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                        |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                        |     |     |      |
| <b>Recommended 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  | N   | P    |
| 15,0                                                                                                                                                                           | 0,0 | 0,0 | 0,0 | 0,0                                    | 0,0 | 0,0 | 85,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                        |     |     |      |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                        |     |     |      |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                        |     |     |      |



## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                        |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                        |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-006/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Dissertation 6 |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                        |     |     |       |
| <b>Number of credits:</b> 5                                                                                                                                                    |     |     |     |                                        |     |     |       |
| <b>Recommended semester:</b> 6.                                                                                                                                                |     |     |     |                                        |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                        |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                        |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                        |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                        |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                        |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                        |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                        |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                        |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 54                                                                                                       |     |     |     |                                        |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                      | FX  | N   | P     |
| 14,81                                                                                                                                                                          | 0,0 | 0,0 | 0,0 | 0,0                                    | 0,0 | 0,0 | 85,19 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                        |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                        |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                        |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                        |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                        |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-007/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Dissertation 7 |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                        |     |     |       |
| <b>Number of credits:</b> 5                                                                                                                                                    |     |     |     |                                        |     |     |       |
| <b>Recommended semester:</b> 7.                                                                                                                                                |     |     |     |                                        |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                        |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                        |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                        |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                        |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                        |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                        |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                        |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                        |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 54                                                                                                       |     |     |     |                                        |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                      | FX  | N   | P     |
| 16,67                                                                                                                                                                          | 0,0 | 0,0 | 0,0 | 0,0                                    | 0,0 | 0,0 | 83,33 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                        |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                        |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                        |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----------------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                              |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                              |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-208/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Doktorandský seminár |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                              |     |     |       |
| <b>Number of credits:</b> 4                                                                                                                                                    |     |     |     |                                              |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                              |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                              |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                              |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                              |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                              |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                              |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                              |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                              |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                              |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                        |     |     |     |                                              |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                            | FX  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                          | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |     |     |                                              |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                              |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                              |     |     |       |

## STATE EXAM DESCRIPTION

|                                                      |                                                                 |
|------------------------------------------------------|-----------------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                                                 |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                                                 |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DBFZ-303/12      | <b>Course title:</b><br>Formal interview on dissertation thesis |
| <b>Number of credits:</b> 9                          |                                                                 |
| <b>Educational level:</b> III.                       |                                                                 |
| <b>State exam syllabus:</b>                          |                                                                 |
| <b>Last change:</b>                                  |                                                                 |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.  |                                                                 |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                                                                                |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                                                                                |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-110/12                                                                                                                                |     |     | <b>Course title:</b><br>Grant from the Faculty of Natural Sciences for doctoral students,<br>Grant from the SAS or any equivalent of these two |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                                                                                |     |     |     |       |
| <b>Number of credits:</b> 8                                                                                                                                                    |     |     |                                                                                                                                                |     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                                                                                |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                                                                                |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                                                                                |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                                                                                |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                                                                                |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                                                                                |     |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |                                                                                                                                                |     |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |                                                                                                                                                |     |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |                                                                                                                                                |     |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                        |     |     |                                                                                                                                                |     |     |     |       |
| A                                                                                                                                                                              | B   | C   | D                                                                                                                                              | E   | FX  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0                                                                                                                                            | 0,0 | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                                                                                |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                                                                                |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                                                                                |     |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                        |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                        |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/N-DBFZ-008/12                                                                                                                                   |     |     |     | <b>Course title:</b><br>Immunogenetics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                        |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                    |     |     |     |                                        |     |     |     |
| <b>Recommended semester:</b> 1., 2., 3., 4..                                                                                                                                   |     |     |     |                                        |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                        |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                        |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                        |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                        |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                        |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                        |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                        |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                        |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                        |     |     |     |                                        |     |     |     |
| A                                                                                                                                                                              | B   | C   | D   | E                                      | FX  | N   | P   |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                    | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Ing. Michal Simon, DrSc.                                                                                                                                     |     |     |     |                                        |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                        |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                        |     |     |     |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-------------------------------------------|-----|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                           |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                           |     |     |      |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-210/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Internship abroad |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                           |     |     |      |
| <b>Number of credits:</b> 5                                                                                                                                                    |     |     |     |                                           |     |     |      |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                           |     |     |      |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                           |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                           |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                           |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                           |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                           |     |     |      |
| <b>Recommended 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  | N   | P    |
| 20,0                                                                                                                                                                           | 0,0 | 0,0 | 0,0 | 0,0                                       | 0,0 | 0,0 | 80,0 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |     |     |                                           |     |     |      |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                           |     |     |      |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                           |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                       |     |     |                                           |     |     |     |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-------------------------------------------|-----|-----|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                  |     |     |                                           |     |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                           |     |     |                                           |     |     |     |      |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-213/12                                                                                                                                       |     |     | <b>Course title:</b><br>Internship abroad |     |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                           |     |     |     |      |
| <b>Number of credits:</b> 7                                                                                                                                                           |     |     |                                           |     |     |     |      |
| <b>Recommended semester:</b>                                                                                                                                                          |     |     |                                           |     |     |     |      |
| <b>Educational level:</b> III.                                                                                                                                                        |     |     |                                           |     |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                 |     |     |                                           |     |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                           |     |     |                                           |     |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                             |     |     |                                           |     |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                |     |     |                                           |     |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                        |     |     |                                           |     |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                    |     |     |                                           |     |     |     |      |
| <b>Notes:</b>                                                                                                                                                                         |     |     |                                           |     |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 46                                                                                                              |     |     |                                           |     |     |     |      |
| A                                                                                                                                                                                     | B   | C   | D                                         | E   | FX  | N   | P    |
| 8,7                                                                                                                                                                                   | 0,0 | 0,0 | 0,0                                       | 0,0 | 0,0 | 0,0 | 91,3 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                                     |     |     |                                           |     |     |     |      |
| <b>Last change:</b>                                                                                                                                                                   |     |     |                                           |     |     |     |      |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                                   |     |     |                                           |     |     |     |      |



## COURSE DESCRIPTION

|                                                                                                                                                                                |     |     |     |                                                      |     |     |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|------------------------------------------------------|-----|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                      |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                      |     |     |      |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-115/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Lecture on workplace seminar |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                      |     |     |      |
| <b>Number of credits:</b> 3                                                                                                                                                    |     |     |     |                                                      |     |     |      |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                      |     |     |      |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                      |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                      |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                      |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                      |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                      |     |     |      |
| <b>Recommended 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  | N   | P    |
| 20,0                                                                                                                                                                           | 0,0 | 0,0 | 0,0 | 0,0                                                  | 0,0 | 0,0 | 80,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                                      |     |     |      |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                      |     |     |      |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                      |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                |     |     |     |                                                               |     |     |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|---------------------------------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                               |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                               |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-113/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Mastering of experimental methodology |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                               |     |     |       |
| <b>Number of credits:</b> 5                                                                                                                                                    |     |     |     |                                                               |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                               |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                               |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                               |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                               |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                               |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                               |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                               |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                               |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                               |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 9                                                                                                        |     |     |     |                                                               |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                                             | FX  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                                           | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                                               |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                               |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                               |     |     |       |

## STATE EXAM DESCRIPTION

|                                                      |                                                             |
|------------------------------------------------------|-------------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                                             |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                                             |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-302/12      | <b>Course title:</b><br>Oral defence of dissertation thesis |
| <b>Number of credits:</b> 25                         |                                                             |
| <b>Educational level:</b> III.                       |                                                             |
| <b>State exam syllabus:</b>                          |                                                             |
| <b>Last change:</b>                                  |                                                             |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.  |                                                             |

## COURSE DESCRIPTION

|                                                                                                                                                                                |     |     |                                                                              |     |     |     |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|------------------------------------------------------------------------------|-----|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                              |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                              |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-008/15                                                                                                                                |     |     | <b>Course title:</b><br>Oral defence of dissertation thesis (Dissertation 8) |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                              |     |     |     |       |
| <b>Number of credits:</b> 5                                                                                                                                                    |     |     |                                                                              |     |     |     |       |
| <b>Recommended semester:</b> 7., 8..                                                                                                                                           |     |     |                                                                              |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                              |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                              |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                              |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                              |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                              |     |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |                                                                              |     |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |                                                                              |     |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |                                                                              |     |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 19                                                                                                       |     |     |                                                                              |     |     |     |       |
| A                                                                                                                                                                              | B   | C   | D                                                                            | E   | FX  | N   | P     |
| 10,53                                                                                                                                                                          | 0,0 | 0,0 | 0,0                                                                          | 0,0 | 0,0 | 0,0 | 89,47 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |     |                                                                              |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                              |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                              |     |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|------------------------------------------|-----|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                          |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                          |     |     |      |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-119/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Other activities |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                          |     |     |      |
| <b>Number of credits:</b> 1                                                                                                                                                    |     |     |     |                                          |     |     |      |
| <b>Recommended semester:</b> 1., 2., 3., 4..                                                                                                                                   |     |     |     |                                          |     |     |      |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                          |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                          |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                          |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                          |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                          |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                          |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                          |     |     |      |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                          |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 105                                                                                                      |     |     |     |                                          |     |     |      |
| A                                                                                                                                                                              | B   | C   | D   | E                                        | FX  | N   | P    |
| 20,0                                                                                                                                                                           | 0,0 | 0,0 | 0,0 | 0,0                                      | 0,0 | 0,0 | 80,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                          |     |     |      |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                          |     |     |      |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                          |     |     |      |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|------------------------------------------------------------------------|-----|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                                        |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                                        |     |     |      |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-108/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Participation on Student Scientific Conference |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                                        |     |     |      |
| <b>Number of credits:</b> 6                                                                                                                                                    |     |     |     |                                                                        |     |     |      |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                                        |     |     |      |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                                        |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                                        |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                                        |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                                        |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                                        |     |     |      |
| <b>Recommended 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  | N   | P    |
| 20,0                                                                                                                                                                           | 0,0 | 0,0 | 0,0 | 0,0                                                                    | 0,0 | 0,0 | 80,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                                                        |     |     |      |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                                        |     |     |      |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                                        |     |     |      |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                     |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-114/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Patenty, vynálezy, software |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                     |     |     |     |
| <b>Number of credits:</b> 6                                                                                                                                                    |     |     |     |                                                     |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                     |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                        |     |     |     |                                                     |     |     |     |
| A                                                                                                                                                                              | B   | C   | D   | E                                                   | FX  | N   | P   |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                                     |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                     |     |     |     |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|-----|--------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |       |     |                                                  |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |       |     |                                                  |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/N-DBFZ-003/15                                                                                                                                   |     |       |     | <b>Course title:</b><br>Physiology of Adaptation |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |       |     |                                                  |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                    |     |       |     |                                                  |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                |     |       |     |                                                  |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                 |     |       |     |                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |     |       |     |                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |     |       |     |                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |       |     |                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |     |       |     |                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |     |       |     |                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |       |     |                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |     |       |     |                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 7                                                                                                        |     |       |     |                                                  |     |     |     |
| A                                                                                                                                                                              | B   | C     | D   | E                                                | FX  | N   | P   |
| 28,57                                                                                                                                                                          | 0,0 | 28,57 | 0,0 | 42,86                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |       |     |                                                  |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |     |       |     |                                                  |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |       |     |                                                  |     |     |     |



## STATE EXAM DESCRIPTION

|                                                      |                                                  |
|------------------------------------------------------|--------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                                  |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                                  |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DBFZ-306/12      | <b>Course title:</b><br>Physioogy of Adaptations |
| <b>Number of credits:</b> 3                          |                                                  |
| <b>Educational level:</b> III.                       |                                                  |
| <b>State exam syllabus:</b>                          |                                                  |
| <b>Last change:</b>                                  |                                                  |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.  |                                                  |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-----|---------------------------------------------------------|-----|------|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                              |      |     |     |                                                         |     |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                       |      |     |     |                                                         |     |      |       |
| <b>Course ID:</b><br>PriF.KJ/N-DSSZ-018/13                                                                                                                                                        |      |     |     | <b>Course title:</b><br>Professional Oral Communication |     |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning |      |     |     |                                                         |     |      |       |
| <b>Number of credits:</b> 3                                                                                                                                                                       |      |     |     |                                                         |     |      |       |
| <b>Recommended semester:</b> 1., 3.                                                                                                                                                               |      |     |     |                                                         |     |      |       |
| <b>Educational level:</b> III.                                                                                                                                                                    |      |     |     |                                                         |     |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                             |      |     |     |                                                         |     |      |       |
| <b>Course requirements:</b>                                                                                                                                                                       |      |     |     |                                                         |     |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                         |      |     |     |                                                         |     |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                            |      |     |     |                                                         |     |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                    |      |     |     |                                                         |     |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |      |     |     |                                                         |     |      |       |
| <b>Notes:</b>                                                                                                                                                                                     |      |     |     |                                                         |     |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 217                                                                                                                         |      |     |     |                                                         |     |      |       |
| A                                                                                                                                                                                                 | B    | C   | D   | E                                                       | FX  | N    | P     |
| 69,12                                                                                                                                                                                             | 2,76 | 0,0 | 0,0 | 0,0                                                     | 0,0 | 1,38 | 26,73 |
| <b>Lecturers:</b> PhDr. Štefánia Dugovičová, PhD., Michael Jerry Sabo                                                                                                                             |      |     |     |                                                         |     |      |       |
| <b>Last change:</b>                                                                                                                                                                               |      |     |     |                                                         |     |      |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                                               |      |     |     |                                                         |     |      |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                   |     |     |     |                                                         |      |      |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|---------------------------------------------------------|------|------|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                              |     |     |     |                                                         |      |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                       |     |     |     |                                                         |      |      |       |
| <b>Course ID:</b><br>PriF.KJ/N-DSSZ-019/13                                                                                                                                                        |     |     |     | <b>Course title:</b><br>Professional Oral Communication |      |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning |     |     |     |                                                         |      |      |       |
| <b>Number of credits:</b> 3                                                                                                                                                                       |     |     |     |                                                         |      |      |       |
| <b>Recommended semester:</b> 2., 4.                                                                                                                                                               |     |     |     |                                                         |      |      |       |
| <b>Educational level:</b> III.                                                                                                                                                                    |     |     |     |                                                         |      |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                             |     |     |     |                                                         |      |      |       |
| <b>Course requirements:</b>                                                                                                                                                                       |     |     |     |                                                         |      |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                         |     |     |     |                                                         |      |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                            |     |     |     |                                                         |      |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                    |     |     |     |                                                         |      |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |     |     |     |                                                         |      |      |       |
| <b>Notes:</b>                                                                                                                                                                                     |     |     |     |                                                         |      |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 141                                                                                                                         |     |     |     |                                                         |      |      |       |
| A                                                                                                                                                                                                 | B   | C   | D   | E                                                       | FX   | N    | P     |
| 63,83                                                                                                                                                                                             | 0,0 | 0,0 | 0,0 | 0,0                                                     | 2,84 | 3,55 | 29,79 |
| <b>Lecturers:</b> PhDr. Štefánia Dugovičová, PhD., Michael Jerry Sabo                                                                                                                             |     |     |     |                                                         |      |      |       |
| <b>Last change:</b>                                                                                                                                                                               |     |     |     |                                                         |      |      |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                                               |     |     |     |                                                         |      |      |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|---------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                         |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                         |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-209/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Príprava seminára pre študentov |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                         |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                    |     |     |     |                                                         |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                         |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                         |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                         |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                         |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                         |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                         |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                         |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                         |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                         |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                        |     |     |     |                                                         |     |     |     |
| A                                                                                                                                                                              | B   | C   | D   | E                                                       | FX  | N   | P   |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                                     | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |     |     |                                                         |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                         |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                         |     |     |     |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|--------------------------------------------------------------------------------|-----|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                |     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                |     |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-104/12                                                                                                                                |     |     | <b>Course title:</b><br>Publication in international peer-reviewed proceedings |     |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                |     |     |     |     |
| <b>Number of credits:</b> 18                                                                                                                                                   |     |     |                                                                                |     |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                |     |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                |     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                |     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                |     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                |     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                |     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |                                                                                |     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |                                                                                |     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |     |     |                                                                                |     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                        |     |     |                                                                                |     |     |     |     |
| A                                                                                                                                                                              | B   | C   | D                                                                              | E   | FX  | N   | P   |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0                                                                            | 0,0 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                |     |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                |     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                |     |     |     |     |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-------------------------------------------------------------------------------------------------------|-----|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                                       |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                                       |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-101/12                                                                                                                                |     |     | <b>Course title:</b><br>Publication in national and international Current Contents scientific journal |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                                       |     |     |     |       |
| <b>Number of credits:</b> 28                                                                                                                                                   |     |     |                                                                                                       |     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                                       |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                                       |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                                       |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                                       |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                                       |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                                       |     |     |     |       |
| <b>Recommended 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  | N   | P     |
| 11,54                                                                                                                                                                          | 0,0 | 0,0 | 0,0                                                                                                   | 0,0 | 0,0 | 0,0 | 88,46 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                                       |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                                       |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                                       |     |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----------------------------------------------------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                                                  |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                                                  |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-103/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Publication in national peer-reviewed scientific journal |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                                                  |     |     |       |
| <b>Number of credits:</b> 20                                                                                                                                                   |     |     |     |                                                                                  |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                                                  |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                                                  |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                                                  |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                                                  |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                                                  |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                                                  |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                                                  |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                                                  |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                                                  |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                        |     |     |     |                                                                                  |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                                                                | FX  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                                                              | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                                                                  |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                                                  |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                                                  |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----------------------------------------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                                      |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                                      |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-105/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Publication in national reviewed proceedings |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                                      |     |     |       |
| <b>Number of credits:</b> 14                                                                                                                                                   |     |     |     |                                                                      |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                                      |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                                      |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                                      |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                                      |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                                      |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                                      |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                                      |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                                      |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                                      |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                        |     |     |     |                                                                      |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                                                    | FX  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                                                  | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                                                      |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                                      |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                                      |     |     |       |



## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|---------------------------------------------------------------------------------|-----|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                 |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                 |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-102/12                                                                                                                                |     |     | <b>Course title:</b><br>Publikácia v zahraničnom recenzovanom vedeckom časopise |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                 |     |     |     |       |
| <b>Number of credits:</b> 24                                                                                                                                                   |     |     |                                                                                 |     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                 |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                 |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                 |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                 |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                 |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                 |     |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |                                                                                 |     |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |                                                                                 |     |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |                                                                                 |     |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                        |     |     |                                                                                 |     |     |     |       |
| A                                                                                                                                                                              | B   | C   | D                                                                               | E   | FX  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0                                                                             | 0,0 | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |                                                                                 |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                 |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                 |     |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|--------------------------------------------------------------------------------------------------|-----|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                                  |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                                  |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-206/12                                                                                                                                |     |     | <b>Course title:</b><br>Review of Bachelor's work ( qualifying thesis for the Bachelor's degree) |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                                  |     |     |     |       |
| <b>Number of credits:</b> 2                                                                                                                                                    |     |     |                                                                                                  |     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                                  |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                                  |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                                  |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                                  |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                                  |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                                  |     |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |                                                                                                  |     |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |                                                                                                  |     |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |                                                                                                  |     |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 49                                                                                                       |     |     |                                                                                                  |     |     |     |       |
| A                                                                                                                                                                              | B   | C   | D                                                                                                | E   | FX  | N   | P     |
| 18,37                                                                                                                                                                          | 0,0 | 0,0 | 0,0                                                                                              | 0,0 | 0,0 | 0,0 | 81,63 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |     |                                                                                                  |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                                  |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                                  |     |     |     |       |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------|--------------------------------------------|------|------|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                              |       |       |      |                                            |      |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                       |       |       |      |                                            |      |      |       |
| <b>Course ID:</b><br>PriF.KJ/N-DSSZ-016/12                                                                                                                                                        |       |       |      | <b>Course title:</b><br>Scientific English |      |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning |       |       |      |                                            |      |      |       |
| <b>Number of credits:</b> 5                                                                                                                                                                       |       |       |      |                                            |      |      |       |
| <b>Recommended semester:</b>                                                                                                                                                                      |       |       |      |                                            |      |      |       |
| <b>Educational level:</b> III.                                                                                                                                                                    |       |       |      |                                            |      |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                             |       |       |      |                                            |      |      |       |
| <b>Course requirements:</b>                                                                                                                                                                       |       |       |      |                                            |      |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                         |       |       |      |                                            |      |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                            |       |       |      |                                            |      |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                    |       |       |      |                                            |      |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |       |       |      |                                            |      |      |       |
| <b>Notes:</b>                                                                                                                                                                                     |       |       |      |                                            |      |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 751                                                                                                                         |       |       |      |                                            |      |      |       |
| A                                                                                                                                                                                                 | B     | C     | D    | E                                          | FX   | N    | P     |
| 11,98                                                                                                                                                                                             | 15,18 | 13,05 | 4,26 | 0,13                                       | 3,46 | 2,66 | 49,27 |
| <b>Lecturers:</b>                                                                                                                                                                                 |       |       |      |                                            |      |      |       |
| <b>Last change:</b>                                                                                                                                                                               |       |       |      |                                            |      |      |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                                               |       |       |      |                                            |      |      |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                      |     |     |     |                                                              |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|--------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                 |     |     |     |                                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                          |     |     |     |                                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-DSSZ-020/17                                                                                                                                                           |     |     |     | <b>Course title:</b><br>Slovak for foreign doctoral students |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:    per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning |     |     |     |                                                              |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                          |     |     |     |                                                              |     |     |     |
| <b>Recommended semester:</b> 1., 3.                                                                                                                                                                  |     |     |     |                                                              |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                       |     |     |     |                                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                |     |     |     |                                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                          |     |     |     |                                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                            |     |     |     |                                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                               |     |     |     |                                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                       |     |     |     |                                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                   |     |     |     |                                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                        |     |     |     |                                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 13                                                                                                                             |     |     |     |                                                              |     |     |     |
| A                                                                                                                                                                                                    | B   | C   | D   | E                                                            | FX  | N   | P   |
| 100,0                                                                                                                                                                                                | 0,0 | 0,0 | 0,0 | 0,0                                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Karin Rózsová Wolfová                                                                                                                                                         |     |     |     |                                                              |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                  |     |     |     |                                                              |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                                                  |     |     |     |                                                              |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                   |     |     |     |                                                              |     |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|--------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                              |     |     |     |                                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                       |     |     |     |                                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-DSSZ-021/17                                                                                                                                                        |     |     |     | <b>Course title:</b><br>Slovak for foreign doctoral students |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning |     |     |     |                                                              |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                       |     |     |     |                                                              |     |     |     |
| <b>Recommended semester:</b> 2., 4.                                                                                                                                                               |     |     |     |                                                              |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                    |     |     |     |                                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                             |     |     |     |                                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                       |     |     |     |                                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                         |     |     |     |                                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                            |     |     |     |                                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                    |     |     |     |                                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |     |     |     |                                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                     |     |     |     |                                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 10                                                                                                                          |     |     |     |                                                              |     |     |     |
| A                                                                                                                                                                                                 | B   | C   | D   | E                                                            | FX  | N   | P   |
| 100,0                                                                                                                                                                                             | 0,0 | 0,0 | 0,0 | 0,0                                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Karin Rózsová Wolfová                                                                                                                                                      |     |     |     |                                                              |     |     |     |
| <b>Last change:</b>                                                                                                                                                                               |     |     |     |                                                              |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                                               |     |     |     |                                                              |     |     |     |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|---------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |      |      |      |                                                   |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |      |      |      |                                                   |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/N-DBFZ-002/15                                                                                                                                   |      |      |      | <b>Course title:</b><br>Special Animal Physiology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |      |      |      |                                                   |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                    |      |      |      |                                                   |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                |      |      |      |                                                   |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                 |      |      |      |                                                   |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |      |      |      |                                                   |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |      |      |      |                                                   |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |      |      |      |                                                   |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |      |      |      |                                                   |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |      |      |      |                                                   |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |      |      |      |                                                   |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |      |      |      |                                                   |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 24                                                                                                       |      |      |      |                                                   |     |     |     |
| A                                                                                                                                                                              | B    | C    | D    | E                                                 | FX  | N   | P   |
| 62,5                                                                                                                                                                           | 12,5 | 8,33 | 4,17 | 12,5                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Iveta Herichová, PhD., doc. RNDr. Lucia Kršková, PhD., prof. RNDr. Michal Zeman, DrSc.                                                             |      |      |      |                                                   |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |      |      |      |                                                   |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |      |      |      |                                                   |     |     |     |

## STATE EXAM DESCRIPTION

|                                                      |                                                   |
|------------------------------------------------------|---------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                                   |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                                   |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DBFZ-304/12      | <b>Course title:</b><br>Special Animal Physiology |
| <b>Number of credits:</b> 3                          |                                                   |
| <b>Educational level:</b> III.                       |                                                   |
| <b>State exam syllabus:</b>                          |                                                   |
| <b>Last change:</b>                                  |                                                   |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.  |                                                   |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-------------------------------------------------------------------------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                                                                       |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                                                                       |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-205/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Supervision of Bachelor's work ( qualifying thesis for the Bachelor's degree) |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                                                                       |     |     |       |
| <b>Number of credits:</b> 6                                                                                                                                                    |     |     |     |                                                                                                       |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                                                                       |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                                                                       |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                                                                       |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                                                                       |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                                                                       |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                                                                       |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                                                                       |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                                                                       |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                                                                       |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 21                                                                                                       |     |     |     |                                                                                                       |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                                                                                     | FX  | N   | P     |
| 14,29                                                                                                                                                                          | 0,0 | 0,0 | 0,0 | 0,0                                                                                                   | 0,0 | 0,0 | 85,71 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |     |     |                                                                                                       |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                                                                       |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                                                                       |     |     |       |



## COURSE DESCRIPTION

|                                                                                                                                                                                |     |     |                                                                                                       |     |     |     |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-------------------------------------------------------------------------------------------------------|-----|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |                                                                                                       |     |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |                                                                                                       |     |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-207/12                                                                                                                                |     |     | <b>Course title:</b><br>Supervision of student's participation in the Students' Scientific Conference |     |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |                                                                                                       |     |     |     |       |
| <b>Number of credits:</b> 4                                                                                                                                                    |     |     |                                                                                                       |     |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |                                                                                                       |     |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |                                                                                                       |     |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |                                                                                                       |     |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |                                                                                                       |     |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |                                                                                                       |     |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |                                                                                                       |     |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |                                                                                                       |     |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |                                                                                                       |     |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |                                                                                                       |     |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 6                                                                                                        |     |     |                                                                                                       |     |     |     |       |
| A                                                                                                                                                                              | B   | C   | D                                                                                                     | E   | FX  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0                                                                                                   | 0,0 | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |     |                                                                                                       |     |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |                                                                                                       |     |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |                                                                                                       |     |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----------------------------------------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                                       |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                                       |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-201/12                                                                                                                                |     |     |     | <b>Course title:</b><br>The doctoral student's pedagogical activities |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                                       |     |     |       |
| <b>Number of credits:</b> 3                                                                                                                                                    |     |     |     |                                                                       |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                                       |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                                       |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                                       |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                                       |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                                       |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                                       |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                                       |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                                       |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                                       |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 34                                                                                                       |     |     |     |                                                                       |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                                                     | FX  | N   | P     |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                                                   | 0,0 | 0,0 | 100,0 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |     |     |                                                                       |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                                       |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                                       |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----------------------------------------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                                       |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                                       |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-214/13                                                                                                                                |     |     |     | <b>Course title:</b><br>The doctoral student's pedagogical activities |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                                       |     |     |       |
| <b>Number of credits:</b> 2                                                                                                                                                    |     |     |     |                                                                       |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                                       |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                                       |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                                       |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                                       |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                                       |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                                       |     |     |       |
| <b>Recommended 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  | N   | P     |
| 31,94                                                                                                                                                                          | 0,0 | 0,0 | 0,0 | 0,0                                                                   | 0,0 | 0,0 | 68,06 |
| <b>Lecturers:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                              |     |     |     |                                                                       |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                                       |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                                       |     |     |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|---------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                   |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                   |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/N-DBFZ-004/15                                                                                                                                   |     |     |     | <b>Course title:</b><br>V Behaviorálna fyziológia |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                   |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                    |     |     |     |                                                   |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                |     |     |     |                                                   |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                   |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                   |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                   |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                   |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                   |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                   |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                   |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                   |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                        |     |     |     |                                                   |     |     |     |
| A                                                                                                                                                                              | B   | C   | D   | E                                                 | FX  | N   | P   |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Lucia Kršková, PhD., RNDr. Ľubor Košťál, CSc.                                                                                                     |     |     |     |                                                   |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                   |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                   |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                |     |     |     |                                                |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                |     |     |     |
| <b>Course ID:</b><br>PriF.KŽFE/N-DBFZ-005/15                                                                                                                                   |     |     |     | <b>Course title:</b><br>V Bunková signalizácia |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                    |     |     |     |                                                |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                |     |     |     |                                                |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                        |     |     |     |                                                |     |     |     |
| A                                                                                                                                                                              | B   | C   | D   | E                                              | FX  | N   | P   |
| 0,0                                                                                                                                                                            | 0,0 | 0,0 | 0,0 | 0,0                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Iveta Herichová, PhD., prof. Ing. Oľga Križanová, DrSc.                                                                                            |     |     |     |                                                |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                |     |     |     |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                |     |     |     |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-----|------------------------------------------------------|------|------|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                              |      |      |     |                                                      |      |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                       |      |      |     |                                                      |      |      |       |
| <b>Course ID:</b><br>PriF.KJ/N-DSSZ-017/13                                                                                                                                                        |      |      |     | <b>Course title:</b><br>Writing Professional English |      |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning |      |      |     |                                                      |      |      |       |
| <b>Number of credits:</b> 5                                                                                                                                                                       |      |      |     |                                                      |      |      |       |
| <b>Recommended semester:</b> 1., 3.                                                                                                                                                               |      |      |     |                                                      |      |      |       |
| <b>Educational level:</b> III.                                                                                                                                                                    |      |      |     |                                                      |      |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                             |      |      |     |                                                      |      |      |       |
| <b>Course requirements:</b>                                                                                                                                                                       |      |      |     |                                                      |      |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                         |      |      |     |                                                      |      |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                            |      |      |     |                                                      |      |      |       |
| <b>Recommended 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   | N    | P     |
| 60,26                                                                                                                                                                                             | 5,13 | 0,32 | 0,0 | 0,0                                                  | 0,64 | 0,32 | 33,33 |
| <b>Lecturers:</b> PhDr. Štefánia Dugovičová, PhD., Michael Jerry Sabo                                                                                                                             |      |      |     |                                                      |      |      |       |
| <b>Last change:</b>                                                                                                                                                                               |      |      |     |                                                      |      |      |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                                               |      |      |     |                                                      |      |      |       |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-----|------------------------------------------------------|------|------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                              |      |     |     |                                                      |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                       |      |     |     |                                                      |      |      |      |
| <b>Course ID:</b><br>PriF.KJ/PriF-DSSZ-018/13                                                                                                                                                     |      |     |     | <b>Course title:</b><br>Writing Professional English |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning |      |     |     |                                                      |      |      |      |
| <b>Number of credits:</b> 5                                                                                                                                                                       |      |     |     |                                                      |      |      |      |
| <b>Recommended semester:</b> 2., 4.                                                                                                                                                               |      |     |     |                                                      |      |      |      |
| <b>Educational level:</b> III.                                                                                                                                                                    |      |     |     |                                                      |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                             |      |     |     |                                                      |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                       |      |     |     |                                                      |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                         |      |     |     |                                                      |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                            |      |     |     |                                                      |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                    |      |     |     |                                                      |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |      |     |     |                                                      |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                     |      |     |     |                                                      |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 120                                                                                                                         |      |     |     |                                                      |      |      |      |
| A                                                                                                                                                                                                 | B    | C   | D   | E                                                    | FX   | N    | P    |
| 55,83                                                                                                                                                                                             | 0,83 | 0,0 | 0,0 | 0,0                                                  | 4,17 | 1,67 | 37,5 |
| <b>Lecturers:</b> PhDr. Štefánia Dugovičová, PhD., Michael Jerry Sabo                                                                                                                             |      |     |     |                                                      |      |      |      |
| <b>Last change:</b>                                                                                                                                                                               |      |     |     |                                                      |      |      |      |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                                               |      |     |     |                                                      |      |      |      |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|------------------------------------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |     |     |                                                                  |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |     |     |                                                                  |     |     |       |
| <b>Course ID:</b><br>PriF.KŽFE/PriF-DSSZ-112/12                                                                                                                                |     |     |     | <b>Course title:</b><br>Zavedenie novej experimentálnej metodiky |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |     |     |                                                                  |     |     |       |
| <b>Number of credits:</b> 16                                                                                                                                                   |     |     |     |                                                                  |     |     |       |
| <b>Recommended semester:</b>                                                                                                                                                   |     |     |     |                                                                  |     |     |       |
| <b>Educational level:</b> III.                                                                                                                                                 |     |     |     |                                                                  |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                          |     |     |     |                                                                  |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                    |     |     |     |                                                                  |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |     |     |                                                                  |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                         |     |     |     |                                                                  |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                 |     |     |     |                                                                  |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |     |     |                                                                  |     |     |       |
| <b>Notes:</b>                                                                                                                                                                  |     |     |     |                                                                  |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 3                                                                                                        |     |     |     |                                                                  |     |     |       |
| A                                                                                                                                                                              | B   | C   | D   | E                                                                | FX  | N   | P     |
| 33,33                                                                                                                                                                          | 0,0 | 0,0 | 0,0 | 0,0                                                              | 0,0 | 0,0 | 66,67 |
| <b>Lecturers:</b>                                                                                                                                                              |     |     |     |                                                                  |     |     |       |
| <b>Last change:</b>                                                                                                                                                            |     |     |     |                                                                  |     |     |       |
| <b>Approved by:</b> prof. RNDr. Michal Zeman, DrSc.                                                                                                                            |     |     |     |                                                                  |     |     |       |