

## Course descriptions

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## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                                          |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                                          |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                                          |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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                                                                                                   |                                                                                          |
| ABS                                                                                                                                                                       | NEABS                                                                                    |
| 0,0                                                                                                                                                                       | 0,0                                                                                      |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                                          |
| <b>Last change:</b>                                                                                                                                                       |                                                                                          |
| <b>Approved by:</b>                                                                                                                                                       |                                                                                          |

## COURSE DESCRIPTION

|                                                                                                                                                                                |                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |                                                                                           |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |                                                                                           |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |                                                                                           |
| <b>Course ID:</b><br>PriF.KFTCh/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: 0                                                                                                        |                                                                                           |
| ABS                                                                                                                                                                            | NEABS                                                                                     |
| 0,0                                                                                                                                                                            | 0,0                                                                                       |
| <b>Lecturers:</b>                                                                                                                                                              |                                                                                           |
| <b>Last change:</b>                                                                                                                                                            |                                                                                           |
| <b>Approved by:</b>                                                                                                                                                            |                                                                                           |

## COURSE DESCRIPTION

|                                                                                                                                                                           |                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                                            |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                                            |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                                            |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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                                                                                                   |                                                                                            |
| ABS                                                                                                                                                                       | NEABS                                                                                      |
| 0,0                                                                                                                                                                       | 0,0                                                                                        |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                                            |
| <b>Last change:</b>                                                                                                                                                       |                                                                                            |
| <b>Approved by:</b>                                                                                                                                                       |                                                                                            |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |                                                                                               |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |                                                                                               |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |                                                                                               |
| <b>Course ID:</b><br>PriF.KFTCh/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: 0                                                                                                        |                                                                                               |
| ABS                                                                                                                                                                            | NEABS                                                                                         |
| 0,0                                                                                                                                                                            | 0,0                                                                                           |
| <b>Lecturers:</b>                                                                                                                                                              |                                                                                               |
| <b>Last change:</b>                                                                                                                                                            |                                                                                               |
| <b>Approved by:</b>                                                                                                                                                            |                                                                                               |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                                                                                  |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                                                                                  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                                                                                  |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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: 2                                                                                                   |                                                                                                                                  |
| ABS                                                                                                                                                                       | NEABS                                                                                                                            |
| 100,0                                                                                                                                                                     | 0,0                                                                                                                              |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                                                                                  |
| <b>Last change:</b>                                                                                                                                                       |                                                                                                                                  |
| <b>Approved by:</b>                                                                                                                                                       |                                                                                                                                  |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                                              |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                                              |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                                              |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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                                                                                                   |                                                                                              |
| ABS                                                                                                                                                                       | NEABS                                                                                        |
| 0,0                                                                                                                                                                       | 0,0                                                                                          |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                                              |
| <b>Last change:</b>                                                                                                                                                       |                                                                                              |
| <b>Approved by:</b>                                                                                                                                                       |                                                                                              |



## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |                                                                                                |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |                                                                                                |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |                                                                                                |
| <b>Course ID:</b><br>PriF.KFTCh/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: 0                                                                                                        |                                                                                                |
| ABS                                                                                                                                                                            | NEABS                                                                                          |
| 0,0                                                                                                                                                                            | 0,0                                                                                            |
| <b>Lecturers:</b>                                                                                                                                                              |                                                                                                |
| <b>Last change:</b>                                                                                                                                                            |                                                                                                |
| <b>Approved by:</b>                                                                                                                                                            |                                                                                                |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                             |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                             |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                             |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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: 8                                                                                                   |                                                                             |
| ABS                                                                                                                                                                       | NEABS                                                                       |
| 100,0                                                                                                                                                                     | 0,0                                                                         |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                             |
| <b>Last change:</b>                                                                                                                                                       |                                                                             |
| <b>Approved by:</b>                                                                                                                                                       |                                                                             |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                                                               |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                                                               |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                                                               |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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                                                                                                   |                                                                                                               |
| ABS                                                                                                                                                                       | NEABS                                                                                                         |
| 0,0                                                                                                                                                                       | 0,0                                                                                                           |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                                                               |
| <b>Last change:</b>                                                                                                                                                       |                                                                                                               |
| <b>Approved by:</b>                                                                                                                                                       |                                                                                                               |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                                                                |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                                                                |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                                                                |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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                                                                                                   |                                                                                                                |
| ABS                                                                                                                                                                       | NEABS                                                                                                          |
| 0,0                                                                                                                                                                       | 0,0                                                                                                            |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                                                                |
| <b>Last change:</b>                                                                                                                                                       |                                                                                                                |
| <b>Approved by:</b>                                                                                                                                                       |                                                                                                                |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                                                        |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                                                        |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                                                        |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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: 0                                                                                                   |                                                                                                        |
| ABS                                                                                                                                                                       | NEABS                                                                                                  |
| 0,0                                                                                                                                                                       | 0,0                                                                                                    |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                                                        |
| <b>Last change:</b>                                                                                                                                                       |                                                                                                        |
| <b>Approved by:</b>                                                                                                                                                       |                                                                                                        |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                                                                     |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                                                                     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                                                                     |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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: 1                                                                                                   |                                                                                                                     |
| ABS                                                                                                                                                                       | NEABS                                                                                                               |
| 100,0                                                                                                                                                                     | 0,0                                                                                                                 |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                                                                     |
| <b>Last change:</b>                                                                                                                                                       |                                                                                                                     |
| <b>Approved by:</b>                                                                                                                                                       |                                                                                                                     |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                                                                    |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                                                                    |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                                                                    |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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: 0                                                                                                   |                                                                                                                    |
| ABS                                                                                                                                                                       | NEABS                                                                                                              |
| 0,0                                                                                                                                                                       | 0,0                                                                                                                |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                                                                    |
| <b>Last change:</b>                                                                                                                                                       |                                                                                                                    |
| <b>Approved by:</b>                                                                                                                                                       |                                                                                                                    |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                                                     |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                                                     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                                                     |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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: 15                                                                                                  |                                                                                                     |
| ABS                                                                                                                                                                       | NEABS                                                                                               |
| 100,0                                                                                                                                                                     | 0,0                                                                                                 |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                                                     |
| <b>Last change:</b>                                                                                                                                                       |                                                                                                     |
| <b>Approved by:</b>                                                                                                                                                       |                                                                                                     |



## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                    |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                    |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                    |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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                                                                                                   |                                                                    |
| ABS                                                                                                                                                                       | NEABS                                                              |
| 100,0                                                                                                                                                                     | 0,0                                                                |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                    |
| <b>Last change:</b>                                                                                                                                                       |                                                                    |
| <b>Approved by:</b>                                                                                                                                                       |                                                                    |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                             |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                             |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                             |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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                                                                                                   |                                                             |
| ABS                                                                                                                                                                       | NEABS                                                       |
| 100,0                                                                                                                                                                     | 0,0                                                         |
| <b>Lecturers:</b>                                                                                                                                                         |                                                             |
| <b>Last change:</b>                                                                                                                                                       |                                                             |
| <b>Approved by:</b>                                                                                                                                                       |                                                             |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                             |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                             |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                             |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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                                                                                                   |                                                                             |
| ABS                                                                                                                                                                       | NEABS                                                                       |
| 0,0                                                                                                                                                                       | 0,0                                                                         |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                             |
| <b>Last change:</b>                                                                                                                                                       |                                                                             |
| <b>Approved by:</b>                                                                                                                                                       |                                                                             |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |                                                                                          |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |                                                                                          |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |                                                                                          |
| <b>Course ID:</b><br>PriF.KFTCh/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                                                                                                        |                                                                                          |
| ABS                                                                                                                                                                            | NEABS                                                                                    |
| 0,0                                                                                                                                                                            | 0,0                                                                                      |
| <b>Lecturers:</b>                                                                                                                                                              |                                                                                          |
| <b>Last change:</b>                                                                                                                                                            |                                                                                          |
| <b>Approved by:</b>                                                                                                                                                            |                                                                                          |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                                                      |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                                                      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                                                      |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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: 7                                                                                                   |                                                                                                      |
| ABS                                                                                                                                                                       | NEABS                                                                                                |
| 100,0                                                                                                                                                                     | 0,0                                                                                                  |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                                                      |
| <b>Last change:</b>                                                                                                                                                       |                                                                                                      |
| <b>Approved by:</b>                                                                                                                                                       |                                                                                                      |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                      |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                      |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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                                                                                                   |                                                                      |
| ABS                                                                                                                                                                       | NEABS                                                                |
| 0,0                                                                                                                                                                       | 0,0                                                                  |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                      |
| <b>Last change:</b>                                                                                                                                                       |                                                                      |
| <b>Approved by:</b>                                                                                                                                                       |                                                                      |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                        |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                        |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                        |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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: 2                                                                                                   |                                        |
| ABS                                                                                                                                                                       | NEABS                                  |
| 100,0                                                                                                                                                                     | 0,0                                    |
| <b>Lecturers:</b>                                                                                                                                                         |                                        |
| <b>Last change:</b>                                                                                                                                                       |                                        |
| <b>Approved by:</b>                                                                                                                                                       |                                        |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                        |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                        |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                        |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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: 3                                                                                                   |                                        |
| ABS                                                                                                                                                                       | NEABS                                  |
| 100,0                                                                                                                                                                     | 0,0                                    |
| <b>Lecturers:</b>                                                                                                                                                         |                                        |
| <b>Last change:</b>                                                                                                                                                       |                                        |
| <b>Approved by:</b>                                                                                                                                                       |                                        |



## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                        |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                        |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                        |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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: 9                                                                                                   |                                        |
| ABS                                                                                                                                                                       | NEABS                                  |
| 100,0                                                                                                                                                                     | 0,0                                    |
| <b>Lecturers:</b>                                                                                                                                                         |                                        |
| <b>Last change:</b>                                                                                                                                                       |                                        |
| <b>Approved by:</b>                                                                                                                                                       |                                        |

## COURSE DESCRIPTION

|                                                                                                                                                                           |                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                        |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                        |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                        |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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: 9                                                                                                   |                                        |
| ABS                                                                                                                                                                       | NEABS                                  |
| 100,0                                                                                                                                                                     | 0,0                                    |
| <b>Lecturers:</b>                                                                                                                                                         |                                        |
| <b>Last change:</b>                                                                                                                                                       |                                        |
| <b>Approved by:</b>                                                                                                                                                       |                                        |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                        |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                        |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                        |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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: 10                                                                                                  |                                        |
| ABS                                                                                                                                                                       | NEABS                                  |
| 100,0                                                                                                                                                                     | 0,0                                    |
| <b>Lecturers:</b>                                                                                                                                                         |                                        |
| <b>Last change:</b>                                                                                                                                                       |                                        |
| <b>Approved by:</b>                                                                                                                                                       |                                        |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                        |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                        |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                        |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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: 8                                                                                                   |                                        |
| ABS                                                                                                                                                                       | NEABS                                  |
| 100,0                                                                                                                                                                     | 0,0                                    |
| <b>Lecturers:</b>                                                                                                                                                         |                                        |
| <b>Last change:</b>                                                                                                                                                       |                                        |
| <b>Approved by:</b>                                                                                                                                                       |                                        |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |                                        |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |                                        |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |                                        |
| <b>Course ID:</b><br>PriF.KFTCh/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: 5                                                                                                        |                                        |
| ABS                                                                                                                                                                            | NEABS                                  |
| 100,0                                                                                                                                                                          | 0,0                                    |
| <b>Lecturers:</b>                                                                                                                                                              |                                        |
| <b>Last change:</b>                                                                                                                                                            |                                        |
| <b>Approved by:</b>                                                                                                                                                            |                                        |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                        |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                        |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                        |
| <b>Course ID:</b><br>PriF.KFTCh/PriF-DSSZ-024/12                                                                                                                          | <b>Course title:</b><br>Dissertation 8 |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning |                                        |
| <b>Number of credits:</b> 5                                                                                                                                               |                                        |
| <b>Recommended semester:</b> 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: 0                                                                                                   |                                        |
| ABS                                                                                                                                                                       | NEABS                                  |
| 0,0                                                                                                                                                                       | 0,0                                    |
| <b>Lecturers:</b>                                                                                                                                                         |                                        |
| <b>Last change:</b>                                                                                                                                                       |                                        |
| <b>Approved by:</b>                                                                                                                                                       |                                        |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                        |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                        |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                        |
| <b>Course ID:</b><br>PriF.KFTCh/PriF-DSSZ-025/12                                                                                                                          | <b>Course title:</b><br>Dissertation 9 |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning |                                        |
| <b>Number of credits:</b> 5                                                                                                                                               |                                        |
| <b>Recommended semester:</b> 9.                                                                                                                                           |                                        |
| <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                                                                                                   |                                        |
| ABS                                                                                                                                                                       | NEABS                                  |
| 0,0                                                                                                                                                                       | 0,0                                    |
| <b>Lecturers:</b>                                                                                                                                                         |                                        |
| <b>Last change:</b>                                                                                                                                                       |                                        |
| <b>Approved by:</b>                                                                                                                                                       |                                        |

## STATE EXAM DESCRIPTION

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|------------------------------------------------------|-----------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                      |                                                                 |
| <b>University:</b> Comenius University Bratislava    |                                                                 |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                                                 |
| <b>Course ID:</b><br>PriF.KFTCh/PriF-<br>DCCF-306/12 | <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>                                  |                                                                 |



## COURSE DESCRIPTION

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| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                                                                                                |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                                                                                                |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                                                                                                |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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: 2                                                                                                   |                                                                                                                                                |
| ABS                                                                                                                                                                       | NEABS                                                                                                                                          |
| 100,0                                                                                                                                                                     | 0,0                                                                                                                                            |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                                                                                                |
| <b>Last change:</b>                                                                                                                                                       |                                                                                                                                                |
| <b>Approved by:</b>                                                                                                                                                       |                                                                                                                                                |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                           |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                           |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                           |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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: 4                                                                                                   |                                           |
| ABS                                                                                                                                                                       | NEABS                                     |
| 100,0                                                                                                                                                                     | 0,0                                       |
| <b>Lecturers:</b>                                                                                                                                                         |                                           |
| <b>Last change:</b>                                                                                                                                                       |                                           |
| <b>Approved by:</b>                                                                                                                                                       |                                           |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2021/2022                                                                                                                                                   |                                                   |
| <b>University:</b> Comenius University Bratislava                                                                                                                                 |                                                   |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                       |                                                   |
| <b>Course ID:</b><br>PriF.KFTCh/N-DCCF-004/15                                                                                                                                     | <b>Course title:</b><br>Many-Body Quantum Physics |
| <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: 0                                                                                                           |                                                   |
| ABS                                                                                                                                                                               | NEABS                                             |
| 0,0                                                                                                                                                                               | 0,0                                               |
| <b>Lecturers:</b> prof. RNDr. Jozef Masarik, DrSc.                                                                                                                                |                                                   |
| <b>Last change:</b>                                                                                                                                                               |                                                   |
| <b>Approved by:</b>                                                                                                                                                               |                                                   |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                   |                                                                   |
| <b>University:</b> Comenius University Bratislava                                                                                                                                 |                                                                   |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                       |                                                                   |
| <b>Course ID:</b><br>PriF.KFTCh/N-DCCF-008/15                                                                                                                                     | <b>Course title:</b><br>Molecular Dynamics of Biophysical Systems |
| <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., 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                                                                                                           |                                                                   |
| ABS                                                                                                                                                                               | NEABS                                                             |
| 0,0                                                                                                                                                                               | 0,0                                                               |
| <b>Lecturers:</b> prof. RNDr. Ján Urban, DrSc.                                                                                                                                    |                                                                   |
| <b>Last change:</b>                                                                                                                                                               |                                                                   |
| <b>Approved by:</b>                                                                                                                                                               |                                                                   |

## STATE EXAM DESCRIPTION

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|------------------------------------------------------|-------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                      |                                                             |
| <b>University:</b> Comenius University Bratislava    |                                                             |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                                             |
| <b>Course ID:</b><br>PriF.KFTCh/PriF-<br>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>                                  |                                                             |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |                                                                               |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |                                                                               |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |                                                                               |
| <b>Course ID:</b><br>PriF.KFTCh/PriF-DSSZ-026/15                                                                                                                               | <b>Course title:</b><br>Oral defence of dissertation thesis (Dissertation 10) |
| <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> 9., 10..                                                                                                                                          |                                                                               |
| <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                                                                                                        |                                                                               |
| ABS                                                                                                                                                                            | NEABS                                                                         |
| 0,0                                                                                                                                                                            | 0,0                                                                           |
| <b>Lecturers:</b> prof. RNDr. Jozef Noga, DrSc., prof. RNDr. Ján Urban, DrSc.                                                                                                  |                                                                               |
| <b>Last change:</b>                                                                                                                                                            |                                                                               |
| <b>Approved by:</b>                                                                                                                                                            |                                                                               |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                          |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                          |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                          |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning |                                          |
| <b>Number of credits:</b> 1                                                                                                                                               |                                          |
| <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: 13                                                                                                  |                                          |
| ABS                                                                                                                                                                       | NEABS                                    |
| 100,0                                                                                                                                                                     | 0,0                                      |
| <b>Lecturers:</b>                                                                                                                                                         |                                          |
| <b>Last change:</b>                                                                                                                                                       |                                          |
| <b>Approved by:</b>                                                                                                                                                       |                                          |

## COURSE DESCRIPTION

|                                                                                                                                                                           |                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                        |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                        |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                        |
| <b>Course ID:</b><br>PriF.KFTCh/N-DCCF-003/15                                                                                                                             | <b>Course title:</b><br>PV Nelineárna dynamika a chaos |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<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: 0                                                                                                   |                                                        |
| ABS                                                                                                                                                                       | NEABS                                                  |
| 0,0                                                                                                                                                                       | 0,0                                                    |
| <b>Lecturers:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                         |                                                        |
| <b>Last change:</b>                                                                                                                                                       |                                                        |
| <b>Approved by:</b>                                                                                                                                                       |                                                        |



## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |                                                         |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |                                                         |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |                                                         |
| <b>Course ID:</b><br>PriF.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 |                                                         |
| <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: 94                                                                                                       |                                                         |
| ABS                                                                                                                                                                            | NEABS                                                   |
| 100,0                                                                                                                                                                          | 0,0                                                     |
| <b>Lecturers:</b> Mgr. Barbara Kordíková, PhD., RNDr. Tatiana Slováková, PhD., PhDr. Štefánia Dugovičová, PhD., Mgr. Aneta Barnes                                              |                                                         |
| <b>Last change:</b>                                                                                                                                                            |                                                         |
| <b>Approved by:</b>                                                                                                                                                            |                                                         |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |                                                         |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |                                                         |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |                                                         |
| <b>Course ID:</b><br>PriF.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 |                                                         |
| <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: 67                                                                                                       |                                                         |
| ABS                                                                                                                                                                            | NEABS                                                   |
| 100,0                                                                                                                                                                          | 0,0                                                     |
| <b>Lecturers:</b> Mgr. Barbara Kordíková, PhD., RNDr. Tatiana Slováková, PhD., PhDr. Štefánia Dugovičová, PhD., Mgr. Aneta Barnes                                              |                                                         |
| <b>Last change:</b>                                                                                                                                                            |                                                         |
| <b>Approved by:</b>                                                                                                                                                            |                                                         |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                  |                                                    |
| <b>University:</b> Comenius University Bratislava                                                                                                                                |                                                    |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                      |                                                    |
| <b>Course ID:</b><br>PriF.KFTCh/N-DCCF-005/15                                                                                                                                    | <b>Course title:</b><br>Quantum Molecular Dynamics |
| <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: 2                                                                                                          |                                                    |
| ABS                                                                                                                                                                              | NEABS                                              |
| 100,0                                                                                                                                                                            | 0,0                                                |
| <b>Lecturers:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                |                                                    |
| <b>Last change:</b>                                                                                                                                                              |                                                    |
| <b>Approved by:</b>                                                                                                                                                              |                                                    |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                  |                                                                                   |
| <b>University:</b> Comenius University Bratislava                                                                                                                                |                                                                                   |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                      |                                                                                   |
| <b>Course ID:</b><br>PriF.KFTCh/N-DCCF-001/09                                                                                                                                    | <b>Course title:</b><br>Quantum Theory of Atoms, Molecules and Condensed Matter 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: 1                                                                                                          |                                                                                   |
| ABS                                                                                                                                                                              | NEABS                                                                             |
| 100,0                                                                                                                                                                            | 0,0                                                                               |
| <b>Lecturers:</b> prof. RNDr. Jozef Noga, DrSc., doc. Ing. Tomáš Bučko, PhD., doc. Mgr. Michal Pitoňák, PhD., Mgr. Stanislav Komorovský, PhD.                                    |                                                                                   |
| <b>Last change:</b>                                                                                                                                                              |                                                                                   |
| <b>Approved by:</b>                                                                                                                                                              |                                                                                   |

## STATE EXAM DESCRIPTION

|                                                   |                                                                                   |
|---------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                   |                                                                                   |
| <b>University:</b> Comenius University Bratislava |                                                                                   |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                                                   |
| <b>Course ID:</b><br>PriF.KFTCh/PriF-DCCF-303/12  | <b>Course title:</b><br>Quantum Theory of Atoms, Molecules and Condensed Matter 1 |
| <b>Number of credits:</b> 3                       |                                                                                   |
| <b>Educational level:</b> III.                    |                                                                                   |
| <b>State exam syllabus:</b>                       |                                                                                   |
| <b>Last change:</b>                               |                                                                                   |
| <b>Approved by:</b>                               |                                                                                   |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                  |                                                                                   |
| <b>University:</b> Comenius University Bratislava                                                                                                                                |                                                                                   |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                      |                                                                                   |
| <b>Course ID:</b><br>PriF.KFTCh/N-DCCF-002/09                                                                                                                                    | <b>Course title:</b><br>Quantum Theory of Atoms, Molecules and Condensed Matter 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: 0                                                                                                          |                                                                                   |
| ABS                                                                                                                                                                              | NEABS                                                                             |
| 0,0                                                                                                                                                                              | 0,0                                                                               |
| <b>Lecturers:</b> prof. RNDr. Jozef Noga, DrSc., doc. Ing. Tomáš Bučko, PhD., doc. Mgr. Michal Pitoňák, PhD., Mgr. Stanislav Komorovský, PhD.                                    |                                                                                   |
| <b>Last change:</b>                                                                                                                                                              |                                                                                   |
| <b>Approved by:</b>                                                                                                                                                              |                                                                                   |

## STATE EXAM DESCRIPTION

|                                                      |                                                                                   |
|------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                      |                                                                                   |
| <b>University:</b> Comenius University Bratislava    |                                                                                   |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                                                                   |
| <b>Course ID:</b><br>PriF.KFTCh/PriF-<br>DCCF-304/12 | <b>Course title:</b><br>Quantum Theory of Atoms, Molecules and Condensed Matter 2 |
| <b>Number of credits:</b> 3                          |                                                                                   |
| <b>Educational level:</b> III.                       |                                                                                   |
| <b>State exam syllabus:</b>                          |                                                                                   |
| <b>Last change:</b>                                  |                                                                                   |
| <b>Approved by:</b>                                  |                                                                                   |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                  |                                                           |
| <b>University:</b> Comenius University Bratislava                                                                                                                                |                                                           |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                      |                                                           |
| <b>Course ID:</b><br>PriF.KFTCh/N-DCCF-007/15                                                                                                                                    | <b>Course title:</b><br>Relativistic effects in chemistry |
| <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., 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                                                                                                          |                                                           |
| ABS                                                                                                                                                                              | NEABS                                                     |
| 0,0                                                                                                                                                                              | 0,0                                                       |
| <b>Lecturers:</b> Mgr. Stanislav Komorovský, PhD., prof. RNDr. Jozef Noga, DrSc.                                                                                                 |                                                           |
| <b>Last change:</b>                                                                                                                                                              |                                                           |
| <b>Approved by:</b>                                                                                                                                                              |                                                           |



## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                                                  |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                                                  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                                                  |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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                                                                                                   |                                                                                                  |
| ABS                                                                                                                                                                       | NEABS                                                                                            |
| 0,0                                                                                                                                                                       | 0,0                                                                                              |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                                                  |
| <b>Last change:</b>                                                                                                                                                       |                                                                                                  |
| <b>Approved by:</b>                                                                                                                                                       |                                                                                                  |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                  |                                            |
| <b>University:</b> Comenius University Bratislava                                                                                                                                |                                            |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                      |                                            |
| <b>Course ID:</b><br>PriF.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 |                                            |
| <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: 221                                                                                                        |                                            |
| ABS                                                                                                                                                                              | NEABS                                      |
| 100,0                                                                                                                                                                            | 0,0                                        |
| <b>Lecturers:</b> PhDr. Štefánia Dugovičová, PhD., Mgr. Barbara Kordíková, PhD., RNDr. Tatiana Slováková, PhD.                                                                   |                                            |
| <b>Last change:</b>                                                                                                                                                              |                                            |
| <b>Approved by:</b>                                                                                                                                                              |                                            |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                  |                                                             |
| <b>University:</b> Comenius University Bratislava                                                                                                                                |                                                             |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                      |                                                             |
| <b>Course ID:</b><br>PriF.KFTCh/N-DCCF-006/15                                                                                                                                    | <b>Course title:</b><br>Selected Topics of Chemical Physics |
| <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., 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                                                                                                          |                                                             |
| ABS                                                                                                                                                                              | NEABS                                                       |
| 0,0                                                                                                                                                                              | 0,0                                                         |
| <b>Lecturers:</b> prof. RNDr. Jozef Noga, DrSc., doc. Ing. Pavel Mach, CSc.                                                                                                      |                                                             |
| <b>Last change:</b>                                                                                                                                                              |                                                             |
| <b>Approved by:</b>                                                                                                                                                              |                                                             |

## STATE EXAM DESCRIPTION

|                                                   |                                                                                    |
|---------------------------------------------------|------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                   |                                                                                    |
| <b>University:</b> Comenius University Bratislava |                                                                                    |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                                                    |
| <b>Course ID:</b><br>PriF.KFTCh/PriF-DCCF-305/12  | <b>Course title:</b><br>Selected chapters from computational chemistry and physics |
| <b>Number of credits:</b> 3                       |                                                                                    |
| <b>Educational level:</b> III.                    |                                                                                    |
| <b>State exam syllabus:</b>                       |                                                                                    |
| <b>Last change:</b>                               |                                                                                    |
| <b>Approved by:</b>                               |                                                                                    |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2021/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                |
| <b>Course ID:</b><br>PriF.KJ/N-DSSZ-022/20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Course title:</b><br>Slovak for Foreign Doctoral Students 1 |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                |
| <b>Recommended semester:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                |
| <b>Course requirements:</b><br>Type, extent and method of academic activities: 2 hours (at 60 min. per hour) of weekly lessons in the form of seminars. All academic activities will take place during the lessons.<br>Number of credits: 3 credits<br>Recommended semester/trimester of study: from 1st to 8th semester<br>Level of study: third<br>Subject conditions: -<br>Requirements for course completion: active participation during lessons, ongoing work on the assignments. There will be a final examination at the end of the semester.<br>Scale of assessment (preliminary/final): Credits will not be awarded to students who receive less than 60% on the final examination. |                                                                |
| <b>Learning outcomes:</b><br>The objective of the course is to acquire the basics of Slovak in a communicative way, to develop individual language skills (listening, reading, writing and speaking) based on the Common European Framework of Reference for Languages (CEFR) for the level A1 - complete beginner.                                                                                                                                                                                                                                                                                                                                                                           |                                                                |
| <b>Class syllabus:</b><br>The lessons contain the basics of Slovak grammar which are relevant to the specifics of Slovak as a foreign language. Selected grammatical phenomena, conjugation and declination are practised. Vocabulary is focused on real-life communication needs.                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                |
| <b>Recommended literature:</b><br>Kamenárová, R. a kol.: Krížom-krážom, Slovenčina A1<br>Kamenárová, R. a kol.: Krížom-krážom, Slovenčina A1+A2, workbook<br>Audio program: <a href="https://uniba.sk/krizom-krazom">https://uniba.sk/krizom-krazom</a><br>Worksheets are prepared by the course instructor.<br>Portal: <a href="https://slovake.eu/sk">https://slovake.eu/sk</a>                                                                                                                                                                                                                                                                                                             |                                                                |
| <b>Languages necessary to complete the course:</b><br>Slovak in combination with English (the study literature is in both Slovak and English)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                |

**Notes:**

It is possible to register for the course just once. Students may begin in either the Summer or Winter semester.

**Past grade distribution**

Total number of evaluated students: 19

| ABS   | NEABS |
|-------|-------|
| 100,0 | 0,0   |

**Lecturers:** Mgr. Karin Rózsová Wolfová, Mgr. Aneta Barnes

**Last change:** 19.04.2020

**Approved by:**

## COURSE DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                |
| <b>Course ID:</b><br>PriF.KJ/N-DSSZ-023/20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Course title:</b><br>Slovak for Foreign Doctoral Students 2 |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                |
| <b>Recommended semester:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                |
| <b>Course requirements:</b><br>Type, extent and method of academic activities: 2 hours (at 60 min. per hour) of weekly lessons in the form of seminars. All academic activities will take place during the lessons.<br>Number of credits: 3 credits<br>Recommended semester/trimester of study: from 1st to 8th semester<br>Level of study: third<br>Subject conditions: Slovak for Foreign Doctoral Students 1<br>Requirements for course completion: active participation during lessons, ongoing work on the assignments. There will be a final examination at the end of the semester.<br>Scale of assessment (preliminary/final): Credits will not be awarded to students who receive less than 60% on the final examination. |                                                                |
| <b>Learning outcomes:</b><br>Course Objectives: The objective of the course is to acquire the basics of Slovak in a communicative way, to develop individual language skills (listening, reading, writing and speaking) based on the Common European Framework of Reference for Languages (CEFR) for the level A1 - intended for beginner or pre-intermediate.                                                                                                                                                                                                                                                                                                                                                                     |                                                                |
| <b>Class syllabus:</b><br>The lessons contain the basics of Slovak grammar which are relevant to the specifics of Slovak as a foreign language. Selected grammatical phenomena, conjugation and declination are practised. Vocabulary is focused on real-life communication needs.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                |
| <b>Recommended literature:</b><br>Kamenárová, R. a kol.: Krížom-krážom, Slovenčina A1<br>Kamenárová, R. a kol.: Krížom-krážom, Slovenčina A1+A2, workbook<br>Audio program: <a href="https://uniba.sk/krizom-krazom">https://uniba.sk/krizom-krazom</a><br>Worksheets are prepared by the course instructor.<br>Portal: <a href="https://slovake.eu/sk">https://slovake.eu/sk</a>                                                                                                                                                                                                                                                                                                                                                  |                                                                |
| <b>Languages necessary to complete the course:</b><br>Slovak in combination with English (the study literature is in both Slovak and English)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                |

**Notes:**

It is possible to register for the course just once. Students may begin in either the Summer or Winter semester.

**Past grade distribution**

Total number of evaluated students: 20

| ABS   | NEABS |
|-------|-------|
| 100,0 | 0,0   |

**Lecturers:** Mgr. Karin Rózsová Wolfová, Mgr. Aneta Barnes

**Last change:** 19.04.2020

**Approved by:**



## COURSE DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                |
| <b>Course ID:</b><br>PriF.KJ/N-DSSZ-024/20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Course title:</b><br>Slovak for Foreign Doctoral Students 3 |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                |
| <b>Recommended semester:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                |
| <b>Course requirements:</b><br>Type, extent and method of academic activities: 2 hours (at 60 min. per hour) of weekly lessons in the form of seminars. All academic activities will take place during the lessons.<br>Number of credits: 3 credits<br>Recommended semester/trimester of study: from 1st to 8th semester<br>Level of study: third<br>Subject conditions: Slovak for Foreign Doctoral Students 2<br>Requirements for course completion: active participation during lessons, ongoing work on the assignments. There will be a final examination at the end of the semester.<br>Scale of assessment (preliminary/final): Credits will not be awarded to students who receive less than 60% on the final examination. |                                                                |
| <b>Learning outcomes:</b><br>The objective of the course is to acquire the basics of Slovak in a communicative way, to develop individual language skills (listening, reading, writing and speaking) based on the Common European Framework of Reference for Languages (CEFR) for the levels A1 – A2. Intended for levels A1-A2, beginner to pre-intermediate                                                                                                                                                                                                                                                                                                                                                                      |                                                                |
| <b>Class syllabus:</b><br>The lessons contain the basics of Slovak grammar which are relevant to the specifics of Slovak as a foreign language. Selected grammatical phenomena, conjugation and declination are practised. Vocabulary is focused on real-life communication needs.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                |
| <b>Recommended literature:</b><br>Kamenárová, R. a kol.: Krížom-krážom, Slovenčina A1, A2<br>Kamenárová, R. a kol.: Krížom-krážom, Slovenčina A1+A2, workbook<br>Audio program: <a href="https://uniba.sk/krizom-krazom">https://uniba.sk/krizom-krazom</a><br>Worksheets are prepared by the course instructor.<br>Portal: <a href="https://slovake.eu/sk">https://slovake.eu/sk</a>                                                                                                                                                                                                                                                                                                                                              |                                                                |
| <b>Languages necessary to complete the course:</b><br>Slovak in combination with English (the study literature is in both Slovak and English)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                |

**Notes:**

It is possible to register for the course just once. Students may begin in either the Summer or Winter semester.

**Past grade distribution**

Total number of evaluated students: 17

| ABS   | NEABS |
|-------|-------|
| 100,0 | 0,0   |

**Lecturers:** Mgr. Karin Rózsová Wolfová, Mgr. Aneta Barnes

**Last change:** 19.04.2020

**Approved by:**

## COURSE DESCRIPTION

|                                                                                                                                                                           |                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                                                       |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                                                       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                                                       |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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                                                                                                   |                                                                                                       |
| ABS                                                                                                                                                                       | NEABS                                                                                                 |
| 0,0                                                                                                                                                                       | 0,0                                                                                                   |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                                                       |
| <b>Last change:</b>                                                                                                                                                       |                                                                                                       |
| <b>Approved by:</b>                                                                                                                                                       |                                                                                                       |

## COURSE DESCRIPTION

|                                                                                                                                                                           |                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                           |                                                                                                       |
| <b>University:</b> Comenius University Bratislava                                                                                                                         |                                                                                                       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                               |                                                                                                       |
| <b>Course ID:</b><br>PriF.KFTCh/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>per week:   per level/semester:<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: 0                                                                                                   |                                                                                                       |
| ABS                                                                                                                                                                       | NEABS                                                                                                 |
| 0,0                                                                                                                                                                       | 0,0                                                                                                   |
| <b>Lecturers:</b>                                                                                                                                                         |                                                                                                       |
| <b>Last change:</b>                                                                                                                                                       |                                                                                                       |
| <b>Approved by:</b>                                                                                                                                                       |                                                                                                       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |                                                                       |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |                                                                       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |                                                                       |
| <b>Course ID:</b><br>PriF.KFTCh/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: 20                                                                                                       |                                                                       |
| ABS                                                                                                                                                                            | NEABS                                                                 |
| 100,0                                                                                                                                                                          | 0,0                                                                   |
| <b>Lecturers:</b>                                                                                                                                                              |                                                                       |
| <b>Last change:</b>                                                                                                                                                            |                                                                       |
| <b>Approved by:</b>                                                                                                                                                            |                                                                       |

## STATE EXAM DESCRIPTION

|                                                   |                                                             |
|---------------------------------------------------|-------------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                   |                                                             |
| <b>University:</b> Comenius University Bratislava |                                                             |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                             |
| <b>Course ID:</b><br>PriF.KFTCh/PriF-DCCF-307/17  | <b>Course title:</b><br>Vybrané kapitoly z chemickej fyziky |
| <b>Number of credits:</b> 3                       |                                                             |
| <b>Educational level:</b> III.                    |                                                             |
| <b>State exam syllabus:</b>                       |                                                             |
| <b>Last change:</b>                               |                                                             |
| <b>Approved by:</b>                               |                                                             |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                  |                                                      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                |                                                      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                      |                                                      |
| <b>Course ID:</b><br>PriF.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 |                                                      |
| <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: 112                                                                                                        |                                                      |
| ABS                                                                                                                                                                              | NEABS                                                |
| 100,0                                                                                                                                                                            | 0,0                                                  |
| <b>Lecturers:</b> Mgr. Barbara Kordíková, PhD., RNDr. Tatiana Slovákova, PhD., PhDr. Štefánia Dugovičová, PhD., Mgr. Aneta Barnes                                                |                                                      |
| <b>Last change:</b>                                                                                                                                                              |                                                      |
| <b>Approved by:</b>                                                                                                                                                              |                                                      |

## COURSE DESCRIPTION

|                                                                                                                                                                                |                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| <b>Academic year:</b> 2021/2022                                                                                                                                                |                                                      |
| <b>University:</b> Comenius University Bratislava                                                                                                                              |                                                      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |                                                      |
| <b>Course ID:</b><br>PriF.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 |                                                      |
| <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: 65                                                                                                       |                                                      |
| ABS                                                                                                                                                                            | NEABS                                                |
| 100,0                                                                                                                                                                          | 0,0                                                  |
| <b>Lecturers:</b> Mgr. Barbara Kordíková, PhD., RNDr. Tatiana Slováková, PhD., PhDr. Štefánia Dugovičová, PhD., Mgr. Aneta Barnes                                              |                                                      |
| <b>Last change:</b>                                                                                                                                                            |                                                      |
| <b>Approved by:</b>                                                                                                                                                            |                                                      |