

# Course descriptions

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## COURSE DESCRIPTION

|                                                       |                                                                   |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|-------------------------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-102/15         | <b>Course title:</b><br>Advanced Physical Chemistry Laboratory(1) |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                                                   |     |     |     |     |  |  |  |  |  |
| per week: 6 per level/semester: 84                    |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 7                           |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                       |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                                                   |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 6                 |                                                                   |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                                                 | C   | D   | E   | FX  |  |  |  |  |  |
| 50,0                                                  | 50,0                                                              | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> doc. RNDr. Juraj Bujdák, DrSc.      |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                        |                                                                   |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                                   |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                                                                                                                  |                                                                   |      |      |     |     |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|------|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                                             |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                      |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-103/15                                                                                                                    | <b>Course title:</b><br>Advanced Physical Chemistry Laboratory(2) |      |      |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                                                                                                                   |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                                                                                                            |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                                                                                                          |                                                                   |      |      |     |     |  |  |  |  |  |
| per week: 6 per level/semester: 84                                                                                                                               |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                                                                                                                      |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 7                                                                                                                                      |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                                                                                                                                  |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                                                                                                                    |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                                            |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                                                                                                                      |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                                                        |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                                                           |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                                                   |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                                               |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                                    |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                                                   |                                                                   |      |      |     |     |  |  |  |  |  |
| Total number of evaluated students: 5                                                                                                                            |                                                                   |      |      |     |     |  |  |  |  |  |
| A                                                                                                                                                                | B                                                                 | C    | D    | E   | FX  |  |  |  |  |  |
| 40,0                                                                                                                                                             | 20,0                                                              | 20,0 | 20,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> doc. Ing. Marián Janek, PhD., RNDr. Monika Jerigová, PhD., doc. RNDr. Ivan Valent, CSc., doc. Ing. Dušan Velič, PhD., RNDr. Dušan Lorenc, PhD. |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                                                                                                                                   |                                                                   |      |      |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                            |                                                                   |      |      |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------|--------------------------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                             |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                      |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-119/15                                    | <b>Course title:</b><br>Advanced Programming and Numerical Recipes |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                                   |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> lecture / seminar                                     |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                          |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28                        |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                                      |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 5                                                      |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                                                  |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                                    |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                            |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                                      |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                        |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                           |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                                   |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                               |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                                    |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                                   |                                                                    |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 8                                            |                                                                    |     |     |     |     |  |  |  |  |  |
| A                                                                                | B                                                                  | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                                            | 0,0                                                                | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> RNDr. Lukáš Félix Paštka, PhD., doc. Mgr. Michal Pitoňák, PhD. |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                                                   |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                            |                                                                    |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

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|------------------------------------------------------------------------|------------------------------------|------|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                   |                                    |      |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                            |                                    |      |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-034/10                            | <b>Course title:</b><br>Aerobic 10 |      |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                         |                                    |      |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                  |                                    |      |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                |                                    |      |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                     |                                    |      |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                            |                                    |      |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                            |                                    |      |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                                        |                                    |      |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                          |                                    |      |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                  |                                    |      |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                            |                                    |      |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                              |                                    |      |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                 |                                    |      |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                         |                                    |      |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                     |                                    |      |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                          |                                    |      |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                         |                                    |      |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 70                                 |                                    |      |     |     |     |  |  |  |  |  |
| A                                                                      | B                                  | C    | D   | E   | FX  |  |  |  |  |  |
| 98,57                                                                  | 0,0                                | 1,43 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Füzéková |                                    |      |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                    |                                    |      |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                  |                                    |      |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

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|------------------------------------------------------------------------|-----------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                   |                                   |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                            |                                   |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-011/10                            | <b>Course title:</b><br>Aerobic 7 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                         |                                   |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                  |                                   |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                |                                   |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                     |                                   |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                            |                                   |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                            |                                   |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                                        |                                   |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                          |                                   |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                  |                                   |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                            |                                   |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                              |                                   |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                 |                                   |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                         |                                   |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                     |                                   |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                          |                                   |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                         |                                   |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 162                                |                                   |     |     |     |     |  |  |  |  |  |
| A                                                                      | B                                 | C   | D   | E   | FX  |  |  |  |  |  |
| 98,15                                                                  | 1,85                              | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Füzéková |                                   |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                    |                                   |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                  |                                   |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                        |                                   |     |     |     |     |
|------------------------------------------------------------------------|-----------------------------------|-----|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                   |                                   |     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                            |                                   |     |     |     |     |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-012/10                            | <b>Course title:</b><br>Aerobic 8 |     |     |     |     |
| <b>Educational activities:</b>                                         |                                   |     |     |     |     |
| <b>Type of activities:</b> practicals                                  |                                   |     |     |     |     |
| <b>Number of hours:</b>                                                |                                   |     |     |     |     |
| per week: 2 per level/semester: 28                                     |                                   |     |     |     |     |
| <b>Form of the course:</b> on-site learning                            |                                   |     |     |     |     |
| <b>Number of credits:</b> 1                                            |                                   |     |     |     |     |
| <b>Recommended semester:</b> 2.                                        |                                   |     |     |     |     |
| <b>Educational level:</b> II.                                          |                                   |     |     |     |     |
| <b>Prerequisites:</b>                                                  |                                   |     |     |     |     |
| <b>Course requirements:</b>                                            |                                   |     |     |     |     |
| <b>Learning outcomes:</b>                                              |                                   |     |     |     |     |
| <b>Class syllabus:</b>                                                 |                                   |     |     |     |     |
| <b>Recommended literature:</b>                                         |                                   |     |     |     |     |
| <b>Languages necessary to complete the course:</b>                     |                                   |     |     |     |     |
| <b>Notes:</b>                                                          |                                   |     |     |     |     |
| <b>Past grade distribution</b>                                         |                                   |     |     |     |     |
| Total number of evaluated students: 137                                |                                   |     |     |     |     |
| A                                                                      | B                                 | C   | D   | E   | FX  |
| 97,81                                                                  | 2,19                              | 0,0 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Füzéková |                                   |     |     |     |     |
| <b>Last change:</b>                                                    |                                   |     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                  |                                   |     |     |     |     |

## COURSE DESCRIPTION

|                                                                        |                                   |     |     |     |     |  |  |  |  |  |
|------------------------------------------------------------------------|-----------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                   |                                   |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                            |                                   |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-033/10                            | <b>Course title:</b><br>Aerobic 9 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                         |                                   |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                  |                                   |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                |                                   |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                     |                                   |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                            |                                   |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                            |                                   |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                                        |                                   |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                          |                                   |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                  |                                   |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                            |                                   |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                              |                                   |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                 |                                   |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                         |                                   |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                     |                                   |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                          |                                   |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                         |                                   |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 144                                |                                   |     |     |     |     |  |  |  |  |  |
| A                                                                      | B                                 | C   | D   | E   | FX  |  |  |  |  |  |
| 99,31                                                                  | 0,69                              | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Füzéková |                                   |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                    |                                   |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                  |                                   |     |     |     |     |  |  |  |  |  |

## STATE EXAM DESCRIPTION

|                                                       |                                              |
|-------------------------------------------------------|----------------------------------------------|
| <b>University:</b> Comenius University in Bratislava  |                                              |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                              |
| <b>Course ID:</b><br>PriF.KAlCh/N-CHFZ-953/15         | <b>Course title:</b><br>Analytical Chemistry |
| <b>Number of credits:</b> 2                           |                                              |
| <b>Educational level:</b> II.                         |                                              |
| <b>State exam syllabus:</b>                           |                                              |
| <b>Last change:</b>                                   |                                              |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                              |

## COURSE DESCRIPTION

|                                                                        |                                      |     |     |     |     |  |  |  |  |  |
|------------------------------------------------------------------------|--------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                   |                                      |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                            |                                      |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-036/10                            | <b>Course title:</b><br>Badminton 10 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                         |                                      |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                  |                                      |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                |                                      |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                     |                                      |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                            |                                      |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                            |                                      |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                                        |                                      |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                          |                                      |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                  |                                      |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                            |                                      |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                              |                                      |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                 |                                      |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                         |                                      |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                     |                                      |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                          |                                      |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                         |                                      |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 20                                 |                                      |     |     |     |     |  |  |  |  |  |
| A                                                                      | B                                    | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                                  | 0,0                                  | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Miriam Sedláčková, PhD., PaedDr. Vladimír Hubka |                                      |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                    |                                      |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                  |                                      |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                        |                                     |     |     |     |     |  |  |  |  |  |
|------------------------------------------------------------------------|-------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                   |                                     |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                            |                                     |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-013/10                            | <b>Course title:</b><br>Badminton 7 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                         |                                     |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                  |                                     |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                |                                     |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                     |                                     |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                            |                                     |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                            |                                     |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                                        |                                     |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                          |                                     |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                  |                                     |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                            |                                     |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                              |                                     |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                 |                                     |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                         |                                     |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                     |                                     |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                          |                                     |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                         |                                     |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 99                                 |                                     |     |     |     |     |  |  |  |  |  |
| A                                                                      | B                                   | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                                  | 0,0                                 | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Miriam Sedláčková, PhD., PaedDr. Vladimír Hubka |                                     |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                    |                                     |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                  |                                     |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                        |                                     |     |     |     |     |  |  |  |  |  |
|------------------------------------------------------------------------|-------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                   |                                     |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                            |                                     |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-014/10                            | <b>Course title:</b><br>Badminton 8 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                         |                                     |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                  |                                     |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                |                                     |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                     |                                     |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                            |                                     |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                            |                                     |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                                        |                                     |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                          |                                     |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                  |                                     |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                            |                                     |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                              |                                     |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                 |                                     |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                         |                                     |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                     |                                     |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                          |                                     |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                         |                                     |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 80                                 |                                     |     |     |     |     |  |  |  |  |  |
| A                                                                      | B                                   | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                                  | 0,0                                 | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Miriam Sedláčková, PhD., PaedDr. Vladimír Hubka |                                     |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                    |                                     |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                  |                                     |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                        |                                     |      |     |     |     |  |  |  |  |  |
|------------------------------------------------------------------------|-------------------------------------|------|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                   |                                     |      |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                            |                                     |      |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-035/10                            | <b>Course title:</b><br>Badminton 9 |      |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                         |                                     |      |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                  |                                     |      |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                |                                     |      |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                     |                                     |      |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                            |                                     |      |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                            |                                     |      |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                                        |                                     |      |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                          |                                     |      |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                  |                                     |      |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                            |                                     |      |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                              |                                     |      |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                 |                                     |      |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                         |                                     |      |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                     |                                     |      |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                          |                                     |      |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                         |                                     |      |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 59                                 |                                     |      |     |     |     |  |  |  |  |  |
| A                                                                      | B                                   | C    | D   | E   | FX  |  |  |  |  |  |
| 98,31                                                                  | 0,0                                 | 1,69 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Miriam Sedláčková, PhD., PaedDr. Vladimír Hubka |                                     |      |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                    |                                     |      |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                  |                                     |      |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                       |     |     |      |     |  |  |  |  |  |
|-------------------------------------------------------|---------------------------------------|-----|-----|------|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                       |     |     |      |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                       |     |     |      |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-038/10           | <b>Course title:</b><br>Basketball 10 |     |     |      |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                       |     |     |      |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                       |     |     |      |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                       |     |     |      |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                       |     |     |      |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                       |     |     |      |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                       |     |     |      |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                       |                                       |     |     |      |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                       |     |     |      |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                       |     |     |      |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                       |     |     |      |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                       |     |     |      |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                       |     |     |      |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                       |     |     |      |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                       |     |     |      |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                       |     |     |      |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                       |     |     |      |     |  |  |  |  |  |
| Total number of evaluated students: 18                |                                       |     |     |      |     |  |  |  |  |  |
| A                                                     | B                                     | C   | D   | E    | FX  |  |  |  |  |  |
| 94,44                                                 | 0,0                                   | 0,0 | 0,0 | 5,56 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Igor Remák, PhD.               |                                       |     |     |      |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                       |     |     |      |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                       |     |     |      |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                      |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|--------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                      |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                      |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-015/10           | <b>Course title:</b><br>Basketball 7 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                      |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                      |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                      |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                      |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                      |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                      |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                       |                                      |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                      |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                      |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                      |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                      |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                      |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                      |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                      |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                      |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                      |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 25                |                                      |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                    | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                  | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Igor Remák, PhD.               |                                      |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                      |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                      |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                      |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|--------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                      |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                      |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-016/10           | <b>Course title:</b><br>Basketball 8 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                      |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                      |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                      |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                      |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                      |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                      |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                       |                                      |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                      |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                      |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                      |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                      |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                      |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                      |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                      |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                      |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                      |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 22                |                                      |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                    | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                  | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Igor Remák, PhD.               |                                      |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                      |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                      |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                      |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|--------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                      |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                      |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-037/10           | <b>Course title:</b><br>Basketball 9 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                      |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                      |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                      |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                      |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                      |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                      |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                       |                                      |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                      |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                      |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                      |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                      |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                      |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                      |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                      |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                      |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                      |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 23                |                                      |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                    | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                  | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Igor Remák, PhD.               |                                      |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                      |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                      |     |     |     |     |  |  |  |  |  |

## STATE EXAM DESCRIPTION

|                                                       |                                      |
|-------------------------------------------------------|--------------------------------------|
| <b>University:</b> Comenius University in Bratislava  |                                      |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                      |
| <b>Course ID:</b><br>PriF.KBCh/N-CHFZ-958/15          | <b>Course title:</b><br>Biochemistry |
| <b>Number of credits:</b> 1                           |                                      |
| <b>Educational level:</b> II.                         |                                      |
| <b>State exam syllabus:</b>                           |                                      |
| <b>Last change:</b>                                   |                                      |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                      |

## COURSE DESCRIPTION

|                                                           |                                               |       |     |     |     |  |  |  |  |  |
|-----------------------------------------------------------|-----------------------------------------------|-------|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava      |                                               |       |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences               |                                               |       |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-110/15             | <b>Course title:</b><br>Biophysical Chemistry |       |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                            |                                               |       |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> lecture / seminar              |                                               |       |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                   |                                               |       |     |     |     |  |  |  |  |  |
| <b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28 |                                               |       |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning               |                                               |       |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 5                               |                                               |       |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                           |                                               |       |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                             |                                               |       |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                     |                                               |       |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                               |                                               |       |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                 |                                               |       |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                    |                                               |       |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                            |                                               |       |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>        |                                               |       |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                             |                                               |       |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                            |                                               |       |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 3                     |                                               |       |     |     |     |  |  |  |  |  |
| A                                                         | B                                             | C     | D   | E   | FX  |  |  |  |  |  |
| 33,33                                                     | 0,0                                           | 66,67 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> doc. RNDr. Ivan Valent, CSc.            |                                               |       |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                            |                                               |       |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.     |                                               |       |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                        |                                       |     |     |     |     |  |  |  |  |  |
|------------------------------------------------------------------------|---------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                   |                                       |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                            |                                       |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-058/11                            | <b>Course title:</b><br>Bouldering 10 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                         |                                       |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                  |                                       |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                |                                       |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                     |                                       |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                            |                                       |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                            |                                       |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                                        |                                       |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                          |                                       |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                  |                                       |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                            |                                       |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                              |                                       |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                 |                                       |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                         |                                       |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                     |                                       |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                          |                                       |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                         |                                       |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 14                                 |                                       |     |     |     |     |  |  |  |  |  |
| A                                                                      | B                                     | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                                  | 0,0                                   | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Füzéková |                                       |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                    |                                       |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                  |                                       |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                      |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|--------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                      |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                      |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-055/11           | <b>Course title:</b><br>Bouldering 7 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                      |     |     |     |     |  |  |  |  |  |
| Type of activities: practicals                        |                                      |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                      |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                      |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                      |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                      |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                       |                                      |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                      |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                      |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                      |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                      |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                      |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                      |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                      |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                      |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                      |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 29                |                                      |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                    | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                  | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> PaedDr. Mgr. Lenka Vandáková        |                                      |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                      |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                      |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                        |                                      |     |     |     |     |
|------------------------------------------------------------------------|--------------------------------------|-----|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                   |                                      |     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                            |                                      |     |     |     |     |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-056/11                            | <b>Course title:</b><br>Bouldering 8 |     |     |     |     |
| <b>Educational activities:</b>                                         |                                      |     |     |     |     |
| <b>Type of activities:</b> practicals                                  |                                      |     |     |     |     |
| <b>Number of hours:</b>                                                |                                      |     |     |     |     |
| per week: 2 per level/semester: 28                                     |                                      |     |     |     |     |
| <b>Form of the course:</b> on-site learning                            |                                      |     |     |     |     |
| <b>Number of credits:</b> 1                                            |                                      |     |     |     |     |
| <b>Recommended semester:</b> 2.                                        |                                      |     |     |     |     |
| <b>Educational level:</b> II.                                          |                                      |     |     |     |     |
| <b>Prerequisites:</b>                                                  |                                      |     |     |     |     |
| <b>Course requirements:</b>                                            |                                      |     |     |     |     |
| <b>Learning outcomes:</b>                                              |                                      |     |     |     |     |
| <b>Class syllabus:</b>                                                 |                                      |     |     |     |     |
| <b>Recommended literature:</b>                                         |                                      |     |     |     |     |
| <b>Languages necessary to complete the course:</b>                     |                                      |     |     |     |     |
| <b>Notes:</b>                                                          |                                      |     |     |     |     |
| <b>Past grade distribution</b>                                         |                                      |     |     |     |     |
| Total number of evaluated students: 30                                 |                                      |     |     |     |     |
| A                                                                      | B                                    | C   | D   | E   | FX  |
| 100,0                                                                  | 0,0                                  | 0,0 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Füzéková |                                      |     |     |     |     |
| <b>Last change:</b>                                                    |                                      |     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                  |                                      |     |     |     |     |

## COURSE DESCRIPTION

|                                                                        |                                      |     |     |     |     |
|------------------------------------------------------------------------|--------------------------------------|-----|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                   |                                      |     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                            |                                      |     |     |     |     |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-057/11                            | <b>Course title:</b><br>Bouldering 9 |     |     |     |     |
| <b>Educational activities:</b>                                         |                                      |     |     |     |     |
| <b>Type of activities:</b> practicals                                  |                                      |     |     |     |     |
| <b>Number of hours:</b>                                                |                                      |     |     |     |     |
| per week: 2 per level/semester: 28                                     |                                      |     |     |     |     |
| <b>Form of the course:</b> on-site learning                            |                                      |     |     |     |     |
| <b>Number of credits:</b> 1                                            |                                      |     |     |     |     |
| <b>Recommended semester:</b> 3.                                        |                                      |     |     |     |     |
| <b>Educational level:</b> II.                                          |                                      |     |     |     |     |
| <b>Prerequisites:</b>                                                  |                                      |     |     |     |     |
| <b>Course requirements:</b>                                            |                                      |     |     |     |     |
| <b>Learning outcomes:</b>                                              |                                      |     |     |     |     |
| <b>Class syllabus:</b>                                                 |                                      |     |     |     |     |
| <b>Recommended literature:</b>                                         |                                      |     |     |     |     |
| <b>Languages necessary to complete the course:</b>                     |                                      |     |     |     |     |
| <b>Notes:</b>                                                          |                                      |     |     |     |     |
| <b>Past grade distribution</b>                                         |                                      |     |     |     |     |
| Total number of evaluated students: 26                                 |                                      |     |     |     |     |
| A                                                                      | B                                    | C   | D   | E   | FX  |
| 96,15                                                                  | 3,85                                 | 0,0 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Füzéková |                                      |     |     |     |     |
| <b>Last change:</b>                                                    |                                      |     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                  |                                      |     |     |     |     |

## COURSE DESCRIPTION

|                                                       |                                        |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|----------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                        |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                        |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-046/10           | <b>Course title:</b><br>Callanetics 10 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                        |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                        |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                        |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                        |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                        |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                        |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                       |                                        |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                        |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                        |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                        |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                        |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                        |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                        |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                        |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                        |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                        |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 11                |                                        |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                      | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                    | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Miriam Sedláčková, PhD.        |                                        |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                        |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                        |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                       |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|---------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                       |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                       |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-023/10           | <b>Course title:</b><br>Callanetics 7 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                       |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                       |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                       |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                       |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                       |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                       |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                       |                                       |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                       |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                       |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                       |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                       |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                       |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                       |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                       |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                       |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                       |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 32                |                                       |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                     | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                   | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Miriam Sedláčková, PhD.        |                                       |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                       |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                       |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                       |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|---------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                       |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                       |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-024/10           | <b>Course title:</b><br>Callanetics 8 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                       |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                       |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                       |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                       |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                       |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                       |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                       |                                       |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                       |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                       |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                       |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                       |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                       |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                       |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                       |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                       |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                       |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 12                |                                       |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                     | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                   | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Miriam Sedláčková, PhD.        |                                       |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                       |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                       |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                       |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|---------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                       |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                       |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-045/10           | <b>Course title:</b><br>Callanetics 9 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                       |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                       |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                       |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                       |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                       |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                       |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                       |                                       |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                       |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                       |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                       |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                       |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                       |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                       |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                       |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                       |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                       |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 20                |                                       |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                     | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                   | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Miriam Sedláčková, PhD.        |                                       |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                       |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                       |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                                                                                                     |                                                                                          |     |     |     |     |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                                |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                         |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-111/15                                                                                                       | <b>Course title:</b><br>Computer Modelling (1), Molecular Characteristics and Reactivity |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                                                                                                      |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals / lecture                                                                                                     |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                                                                                             |                                                                                          |     |     |     |     |  |  |  |  |  |
| per week: 4 / 2 per level/semester: 56 / 28                                                                                                         |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                                                                                                         |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 7                                                                                                                         |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                                                                                                                     |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                                                                                                       |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                               |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                                                                                                         |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                                           |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                                              |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                                      |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                                  |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                       |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                                      |                                                                                          |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 10                                                                                                              |                                                                                          |     |     |     |     |  |  |  |  |  |
| A                                                                                                                                                   | B                                                                                        | C   | D   | E   | FX  |  |  |  |  |  |
| 70,0                                                                                                                                                | 30,0                                                                                     | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> prof. RNDr. Ivan Černušák, DrSc., RNDr. Lukáš Félix Paštka, PhD., doc. Mgr. Michal Pitoňák, PhD., doc. Mgr. Pavel Neogrády, DrSc. |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                                                                                                                      |                                                                                          |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                               |                                                                                          |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                                                                                      |      |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------|------|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-112/15         | <b>Course title:</b><br>Computer Modelling (2), Molecular Systems, Biomolecules, Reactivity, Liquids |      |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals / lecture       |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                                                                                      |      |     |     |     |  |  |  |  |  |
| per week: 4 / 2 per level/semester: 56 / 28           |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 6                           |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                       |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                                                                                      |      |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 5                 |                                                                                                      |      |     |     |     |  |  |  |  |  |
| A                                                     | B                                                                                                    | C    | D   | E   | FX  |  |  |  |  |  |
| 80,0                                                  | 0,0                                                                                                  | 20,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> doc. Ing. Tomáš Bučko, PhD.         |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                        |                                                                                                      |      |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                                                                      |      |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                    |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                    |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-090/15           | <b>Course title:</b><br>Curling 10 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                    |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                    |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                    |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                    |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                       |                                    |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                    |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                    |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                    |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                    |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                    |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                    |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                    |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                    |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 0                 |                                    |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                  | C   | D   | E   | FX  |  |  |  |  |  |
| 0,0                                                   | 0,0                                | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Igor Remák, PhD.               |                                    |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                    |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                    |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                   |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|-----------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                   |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                   |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-077/15           | <b>Course title:</b><br>Curling 7 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                   |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                   |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                   |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                   |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                   |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                   |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                       |                                   |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                   |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                   |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                   |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                   |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                   |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                   |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                   |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                   |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                   |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 0                 |                                   |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                 | C   | D   | E   | FX  |  |  |  |  |  |
| 0,0                                                   | 0,0                               | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Igor Remák, PhD.               |                                   |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                   |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                   |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                   |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|-----------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                   |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                   |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-078/15           | <b>Course title:</b><br>Curling 8 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                   |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                   |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                   |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                   |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                   |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                   |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                       |                                   |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                   |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                   |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                   |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                   |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                   |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                   |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                   |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                   |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                   |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 1                 |                                   |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                 | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                               | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Igor Remák, PhD.               |                                   |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                   |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                   |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                   |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|-----------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                   |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                   |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-079/15           | <b>Course title:</b><br>Curling 9 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                   |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                   |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                   |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                   |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                   |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                   |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                       |                                   |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                   |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                   |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                   |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                   |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                   |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                   |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                   |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                   |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                   |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 1                 |                                   |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                 | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                               | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Igor Remák, PhD.               |                                   |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                   |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                   |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                         |     |     |     |     |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                            |                                         |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-128/15                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Course title:</b><br>Diploma seminar |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> seminar                                                                                                                                                                                                                                                                                                                                                                                                                              |                                         |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                         |     |     |     |     |  |  |  |  |  |
| per week: 1 per level/semester: 14                                                                                                                                                                                                                                                                                                                                                                                                                              |                                         |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                         |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                         |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                         |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                              |                                         |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                         |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 5                                                                                                                                                                                                                                                                                                                                                                                                                           |                                         |     |     |     |     |  |  |  |  |  |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                               | B                                       | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0,0                                     | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> doc. Ing. Tomáš Bučko, PhD., doc. RNDr. Juraj Bujdák, DrSc., prof. RNDr. Ivan Černušák, DrSc., doc. Ing. Marián Janek, PhD., prof. RNDr. Vladimír Kellö, DrSc., doc. Mgr. Pavel Neogrády, DrSc., doc. Mgr. Michal Pitoňák, PhD., RNDr. Erik Szabó, PhD., doc. RNDr. Ivan Valent, CSc., doc. Ing. Dušan Velič, PhD., RNDr. Monika Jerigová, PhD., RNDr. Lukáš Félix Pašteka, PhD., prof. RNDr. Miroslav Urban, DrSc., RNDr. Dušan Lorenc, PhD. |                                         |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                                                                                                                                                                                                                                                                                                                           |                                         |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                         |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|-----------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                         |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N_mCFZ-129/15         | <b>Course title:</b><br>Diploma seminar |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                         |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> seminar                    |                                         |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                         |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                         |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 2                           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                       |                                         |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                         |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                         |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                         |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                         |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                         |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                         |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                         |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                         |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 5                 |                                         |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                       | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                     | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> prof. RNDr. Ivan Černušák, DrSc.    |                                         |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                        |                                         |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                         |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                        |     |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                            |                                        |     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |     |     |     |     |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-130/15                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Course title:</b><br>Diploma thesis |     |     |     |     |
| <b>Educational activities:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        |     |     |     |     |
| <b>Type of activities:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                        |     |     |     |     |
| <b>Number of hours:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                        |     |     |     |     |
| per week: per level/semester:                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                        |     |     |     |     |
| <b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |     |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |     |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                        |     |     |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                        |     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        |     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                        |     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                        |     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        |     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                              |                                        |     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                        |     |     |     |     |
| <b>Past grade distribution</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        |     |     |     |     |
| Total number of evaluated students: 5                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        |     |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                               | B                                      | C   | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0,0                                    | 0,0 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Ivan Valent, CSc., prof. RNDr. Vladimír Kellö, DrSc., doc. Mgr. Pavel Neogrády, DrSc., doc. Ing. Tomáš Bučko, PhD., doc. Ing. Dušan Velič, PhD., doc. RNDr. Juraj Bujdák, DrSc., prof. RNDr. Ivan Černušák, DrSc., doc. Ing. Marián Janek, PhD., RNDr. Monika Jerigová, PhD., RNDr. Lukáš Félix Pašteka, PhD., doc. Mgr. Michal Pitoňák, PhD., RNDr. Erik Szabó, PhD., prof. RNDr. Miroslav Urban, DrSc., RNDr. Dušan Lorenc, PhD. |                                        |     |     |     |     |
| <b>Last change:</b> 23.11.2017                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        |     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                                                                                                                                                                                                                                                                                                                           |                                        |     |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                      |                                                                  |      |      |     |     |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------|------|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                 |                                                                  |      |      |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                          |                                                                  |      |      |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-062/10                                                                                           | <b>Course title:</b><br>English Preparatory Course for UNIcert 1 |      |      |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                                                                                       |                                                                  |      |      |     |     |  |  |  |  |  |
| <b>Type of activities:</b> seminar                                                                                                   |                                                                  |      |      |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                                                                              |                                                                  |      |      |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                                                                                   |                                                                  |      |      |     |     |  |  |  |  |  |
| <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> II.                                                                                                        |                                                                  |      |      |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                |                                                                  |      |      |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                                                                                          |                                                                  |      |      |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                            |                                                                  |      |      |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                               |                                                                  |      |      |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                       |                                                                  |      |      |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                   |                                                                  |      |      |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                        |                                                                  |      |      |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                       |                                                                  |      |      |     |     |  |  |  |  |  |
| Total number of evaluated students: 182                                                                                              |                                                                  |      |      |     |     |  |  |  |  |  |
| A                                                                                                                                    | B                                                                | C    | D    | E   | FX  |  |  |  |  |  |
| 63,19                                                                                                                                | 28,57                                                            | 7,69 | 0,55 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková |                                                                  |      |      |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                                                                                  |                                                                  |      |      |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                |                                                                  |      |      |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                                                                                      |                                                                  |     |      |     |     |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-----|------|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                 |                                                                  |     |      |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                          |                                                                  |     |      |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-063/10                                                                                           | <b>Course title:</b><br>English Preparatory Course for UNIcert 2 |     |      |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                                                                                       |                                                                  |     |      |     |     |  |  |  |  |  |
| <b>Type of activities:</b> seminar                                                                                                   |                                                                  |     |      |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                                                                              |                                                                  |     |      |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                                                                                   |                                                                  |     |      |     |     |  |  |  |  |  |
| <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> II.                                                                                                        |                                                                  |     |      |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                |                                                                  |     |      |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                                                                                          |                                                                  |     |      |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                            |                                                                  |     |      |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                               |                                                                  |     |      |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                       |                                                                  |     |      |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                   |                                                                  |     |      |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                        |                                                                  |     |      |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                       |                                                                  |     |      |     |     |  |  |  |  |  |
| Total number of evaluated students: 157                                                                                              |                                                                  |     |      |     |     |  |  |  |  |  |
| A                                                                                                                                    | B                                                                | C   | D    | E   | FX  |  |  |  |  |  |
| 77,07                                                                                                                                | 16,56                                                            | 5,1 | 1,27 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková |                                                                  |     |      |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                                                                                  |                                                                  |     |      |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                |                                                                  |     |      |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                                                                                                          |                                   |      |      |     |      |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------|------|-----|------|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                                     |                                   |      |      |     |      |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                              |                                   |      |      |     |      |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-060/10                                                                                                               | <b>Course title:</b><br>English 1 |      |      |     |      |  |  |  |  |  |
| <b>Educational activities:</b>                                                                                                                           |                                   |      |      |     |      |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                                                                                                    |                                   |      |      |     |      |  |  |  |  |  |
| <b>Number of hours:</b>                                                                                                                                  |                                   |      |      |     |      |  |  |  |  |  |
| per week: 2 per level/semester: 28                                                                                                                       |                                   |      |      |     |      |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                                                                                                              |                                   |      |      |     |      |  |  |  |  |  |
| <b>Number of credits:</b> 2                                                                                                                              |                                   |      |      |     |      |  |  |  |  |  |
| <b>Recommended semester:</b> 1., 3.                                                                                                                      |                                   |      |      |     |      |  |  |  |  |  |
| <b>Educational level:</b> II.                                                                                                                            |                                   |      |      |     |      |  |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                                    |                                   |      |      |     |      |  |  |  |  |  |
| <b>Course requirements:</b>                                                                                                                              |                                   |      |      |     |      |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                                                |                                   |      |      |     |      |  |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                                                   |                                   |      |      |     |      |  |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                                           |                                   |      |      |     |      |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                                       |                                   |      |      |     |      |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                            |                                   |      |      |     |      |  |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                                           |                                   |      |      |     |      |  |  |  |  |  |
| Total number of evaluated students: 304                                                                                                                  |                                   |      |      |     |      |  |  |  |  |  |
| A                                                                                                                                                        | B                                 | C    | D    | E   | FX   |  |  |  |  |  |
| 72,7                                                                                                                                                     | 14,8                              | 7,89 | 0,99 | 0,0 | 3,62 |  |  |  |  |  |
| <b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková, Michael Jerry Sabo |                                   |      |      |     |      |  |  |  |  |  |
| <b>Last change:</b>                                                                                                                                      |                                   |      |      |     |      |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                    |                                   |      |      |     |      |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                                                                                                          |                                   |      |      |     |      |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------|------|-----|------|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                                     |                                   |      |      |     |      |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                              |                                   |      |      |     |      |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-061/10                                                                                                               | <b>Course title:</b><br>English 2 |      |      |     |      |  |  |  |  |  |
| <b>Educational activities:</b>                                                                                                                           |                                   |      |      |     |      |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                                                                                                    |                                   |      |      |     |      |  |  |  |  |  |
| <b>Number of hours:</b>                                                                                                                                  |                                   |      |      |     |      |  |  |  |  |  |
| per week: 2 per level/semester: 28                                                                                                                       |                                   |      |      |     |      |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                                                                                                              |                                   |      |      |     |      |  |  |  |  |  |
| <b>Number of credits:</b> 2                                                                                                                              |                                   |      |      |     |      |  |  |  |  |  |
| <b>Recommended semester:</b> 2., 4.                                                                                                                      |                                   |      |      |     |      |  |  |  |  |  |
| <b>Educational level:</b> II.                                                                                                                            |                                   |      |      |     |      |  |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                                    |                                   |      |      |     |      |  |  |  |  |  |
| <b>Course requirements:</b>                                                                                                                              |                                   |      |      |     |      |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                                                |                                   |      |      |     |      |  |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                                                   |                                   |      |      |     |      |  |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                                           |                                   |      |      |     |      |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                                       |                                   |      |      |     |      |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                            |                                   |      |      |     |      |  |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                                           |                                   |      |      |     |      |  |  |  |  |  |
| Total number of evaluated students: 240                                                                                                                  |                                   |      |      |     |      |  |  |  |  |  |
| A                                                                                                                                                        | B                                 | C    | D    | E   | FX   |  |  |  |  |  |
| 75,0                                                                                                                                                     | 19,17                             | 3,33 | 1,25 | 0,0 | 1,25 |  |  |  |  |  |
| <b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková, Michael Jerry Sabo |                                   |      |      |     |      |  |  |  |  |  |
| <b>Last change:</b>                                                                                                                                      |                                   |      |      |     |      |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                    |                                   |      |      |     |      |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                       |                                                                    |      |     |      |     |  |  |  |  |  |
|-----------------------------------------------------------------------|--------------------------------------------------------------------|------|-----|------|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                  |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                           |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-106/15                         | <b>Course title:</b><br>Experimental methods in Physical Chemistry |      |     |      |     |  |  |  |  |  |
| <b>Educational activities:</b>                                        |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Type of activities:</b> lecture / seminar                          |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Number of hours:</b>                                               |                                                                    |      |     |      |     |  |  |  |  |  |
| per week: 4 / 1 per level/semester: 56 / 14                           |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                           |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Number of credits:</b> 7                                           |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                                       |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                         |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                 |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Course requirements:</b>                                           |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                             |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                        |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                    |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Notes:</b>                                                         |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                        |                                                                    |      |     |      |     |  |  |  |  |  |
| Total number of evaluated students: 4                                 |                                                                    |      |     |      |     |  |  |  |  |  |
| A                                                                     | B                                                                  | C    | D   | E    | FX  |  |  |  |  |  |
| 50,0                                                                  | 0,0                                                                | 25,0 | 0,0 | 25,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> RNDr. Erik Szabó, PhD., RNDr. Monika Jerigová, PhD. |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                                        |                                                                    |      |     |      |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                 |                                                                    |      |     |      |     |  |  |  |  |  |

## COURSE DESCRIPTION

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|-------------------------------------------------------|-------------------------------------------------|------|-----|------|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-048/10           | <b>Course title:</b><br>Fitness bodybuilding 10 |      |     |      |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                                 |      |     |      |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                       |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                                 |      |     |      |     |  |  |  |  |  |
| Total number of evaluated students: 39                |                                                 |      |     |      |     |  |  |  |  |  |
| A                                                     | B                                               | C    | D   | E    | FX  |  |  |  |  |  |
| 84,62                                                 | 5,13                                            | 5,13 | 0,0 | 5,13 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Ján Krošlák                    |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                                 |      |     |      |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                 |      |     |      |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                                |      |     |     |     |
|-------------------------------------------------------|------------------------------------------------|------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava  |                                                |      |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                |      |     |     |     |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-025/10           | <b>Course title:</b><br>Fitness bodybuilding 7 |      |     |     |     |
| <b>Educational activities:</b>                        |                                                |      |     |     |     |
| Type of activities: practicals                        |                                                |      |     |     |     |
| <b>Number of hours:</b>                               |                                                |      |     |     |     |
| per week: 2 per level/semester: 28                    |                                                |      |     |     |     |
| <b>Form of the course:</b> on-site learning           |                                                |      |     |     |     |
| <b>Number of credits:</b> 1                           |                                                |      |     |     |     |
| <b>Recommended semester:</b> 1.                       |                                                |      |     |     |     |
| <b>Educational level:</b> II.                         |                                                |      |     |     |     |
| <b>Prerequisites:</b>                                 |                                                |      |     |     |     |
| <b>Course requirements:</b>                           |                                                |      |     |     |     |
| <b>Learning outcomes:</b>                             |                                                |      |     |     |     |
| <b>Class syllabus:</b>                                |                                                |      |     |     |     |
| <b>Recommended literature:</b>                        |                                                |      |     |     |     |
| <b>Languages necessary to complete the course:</b>    |                                                |      |     |     |     |
| <b>Notes:</b>                                         |                                                |      |     |     |     |
| <b>Past grade distribution</b>                        |                                                |      |     |     |     |
| Total number of evaluated students: 68                |                                                |      |     |     |     |
| A                                                     | B                                              | C    | D   | E   | FX  |
| 98,53                                                 | 0,0                                            | 1,47 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Ján Krošlák                    |                                                |      |     |     |     |
| <b>Last change:</b>                                   |                                                |      |     |     |     |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                |      |     |     |     |

## COURSE DESCRIPTION

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|-------------------------------------------------------|------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                                |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-026/10           | <b>Course title:</b><br>Fitness bodybuilding 8 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                                |     |     |     |     |  |  |  |  |  |
| Type of activities: practicals                        |                                                |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                                |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                                |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                                |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                                |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                       |                                                |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                                |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                                |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                                |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                                |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                                |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                                |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                                |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                                |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                                |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 72                |                                                |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                              | C   | D   | E   | FX  |  |  |  |  |  |
| 98,61                                                 | 1,39                                           | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Ján Krošlák                    |                                                |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                                |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

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|-------------------------------------------------------|------------------------------------------------|------|-----|------|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                                |      |     |      |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                |      |     |      |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-047/10           | <b>Course title:</b><br>Fitness bodybuilding 9 |      |     |      |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                                |      |     |      |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                                |      |     |      |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                                |      |     |      |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                                |      |     |      |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                                |      |     |      |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                                |      |     |      |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                       |                                                |      |     |      |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                                |      |     |      |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                                |      |     |      |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                                |      |     |      |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                                |      |     |      |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                                |      |     |      |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                                |      |     |      |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                                |      |     |      |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                                |      |     |      |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                                |      |     |      |     |  |  |  |  |  |
| Total number of evaluated students: 58                |                                                |      |     |      |     |  |  |  |  |  |
| A                                                     | B                                              | C    | D   | E    | FX  |  |  |  |  |  |
| 91,38                                                 | 3,45                                           | 3,45 | 0,0 | 1,72 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Ján Krošlák                    |                                                |      |     |      |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                                |      |     |      |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                |      |     |      |     |  |  |  |  |  |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------|--------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava               |                                      |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                        |                                      |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-040/10                        | <b>Course title:</b><br>Floorball 10 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                     |                                      |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                              |                                      |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                            |                                      |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                 |                                      |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                        |                                      |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                        |                                      |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                                    |                                      |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                      |                                      |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                              |                                      |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                        |                                      |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                          |                                      |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                             |                                      |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                     |                                      |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                 |                                      |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                      |                                      |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                     |                                      |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 49                             |                                      |     |     |     |     |  |  |  |  |  |
| A                                                                  | B                                    | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                              | 0,0                                  | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD. |                                      |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                |                                      |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.              |                                      |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                    |                                     |      |     |     |     |  |  |  |  |  |
|--------------------------------------------------------------------|-------------------------------------|------|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava               |                                     |      |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                        |                                     |      |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-017/10                        | <b>Course title:</b><br>Floorball 7 |      |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                     |                                     |      |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                              |                                     |      |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                            |                                     |      |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                 |                                     |      |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                        |                                     |      |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                        |                                     |      |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                                    |                                     |      |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                      |                                     |      |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                              |                                     |      |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                        |                                     |      |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                          |                                     |      |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                             |                                     |      |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                     |                                     |      |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                 |                                     |      |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                      |                                     |      |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                     |                                     |      |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 66                             |                                     |      |     |     |     |  |  |  |  |  |
| A                                                                  | B                                   | C    | D   | E   | FX  |  |  |  |  |  |
| 95,45                                                              | 1,52                                | 3,03 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD. |                                     |      |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                |                                     |      |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.              |                                     |      |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                    |                                     |     |     |     |     |  |  |  |  |  |
|--------------------------------------------------------------------|-------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava               |                                     |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                        |                                     |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-018/10                        | <b>Course title:</b><br>Floorball 8 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                     |                                     |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                              |                                     |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                            |                                     |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                 |                                     |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                        |                                     |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                        |                                     |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                                    |                                     |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                      |                                     |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                              |                                     |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                        |                                     |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                          |                                     |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                             |                                     |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                     |                                     |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                 |                                     |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                      |                                     |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                     |                                     |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 65                             |                                     |     |     |     |     |  |  |  |  |  |
| A                                                                  | B                                   | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                              | 0,0                                 | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD. |                                     |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                |                                     |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.              |                                     |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                    |                                     |     |     |     |     |  |  |  |  |  |
|--------------------------------------------------------------------|-------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava               |                                     |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                        |                                     |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-039/10                        | <b>Course title:</b><br>Floorball 9 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                     |                                     |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                              |                                     |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                            |                                     |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                 |                                     |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                        |                                     |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                        |                                     |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                                    |                                     |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                      |                                     |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                              |                                     |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                        |                                     |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                          |                                     |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                             |                                     |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                     |                                     |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                 |                                     |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                      |                                     |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                     |                                     |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 60                             |                                     |     |     |     |     |  |  |  |  |  |
| A                                                                  | B                                   | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                              | 0,0                                 | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD. |                                     |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                |                                     |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.              |                                     |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                     |     |     |     |     |
|-------------------------------------------------------|-------------------------------------|-----|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava  |                                     |     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                     |     |     |     |     |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-042/10           | <b>Course title:</b><br>Football 10 |     |     |     |     |
| <b>Educational activities:</b>                        |                                     |     |     |     |     |
| Type of activities: practicals                        |                                     |     |     |     |     |
| <b>Number of hours:</b>                               |                                     |     |     |     |     |
| per week: 2 per level/semester: 28                    |                                     |     |     |     |     |
| <b>Form of the course:</b> on-site learning           |                                     |     |     |     |     |
| <b>Number of credits:</b> 1                           |                                     |     |     |     |     |
| <b>Recommended semester:</b> 4.                       |                                     |     |     |     |     |
| <b>Educational level:</b> II.                         |                                     |     |     |     |     |
| <b>Prerequisites:</b>                                 |                                     |     |     |     |     |
| <b>Course requirements:</b>                           |                                     |     |     |     |     |
| <b>Learning outcomes:</b>                             |                                     |     |     |     |     |
| <b>Class syllabus:</b>                                |                                     |     |     |     |     |
| <b>Recommended literature:</b>                        |                                     |     |     |     |     |
| <b>Languages necessary to complete the course:</b>    |                                     |     |     |     |     |
| <b>Notes:</b>                                         |                                     |     |     |     |     |
| <b>Past grade distribution</b>                        |                                     |     |     |     |     |
| Total number of evaluated students: 57                |                                     |     |     |     |     |
| A                                                     | B                                   | C   | D   | E   | FX  |
| 100,0                                                 | 0,0                                 | 0,0 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Martin Mokošák, PhD.           |                                     |     |     |     |     |
| <b>Last change:</b>                                   |                                     |     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                     |     |     |     |     |

## COURSE DESCRIPTION

|                                                       |                                    |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                    |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-019/10           | <b>Course title:</b><br>Football 7 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                    |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                    |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                    |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                    |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                       |                                    |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                    |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                    |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                    |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                    |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                    |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                    |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                    |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                    |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 83                |                                    |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                  | C   | D   | E   | FX  |  |  |  |  |  |
| 98,8                                                  | 0,0                                | 1,2 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Martin Mokošák, PhD.           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                    |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                    |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                    |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                    |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-020/10           | <b>Course title:</b><br>Football 8 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                    |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                    |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                    |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                    |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                       |                                    |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                    |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                    |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                    |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                    |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                    |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                    |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                    |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                    |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 88                |                                    |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                  | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Martin Mokošák, PhD.           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                    |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                    |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

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|-------------------------------------------------------|------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                    |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-041/10           | <b>Course title:</b><br>Football 9 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                    |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                    |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                    |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                    |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                       |                                    |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                    |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                    |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                    |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                    |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                    |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                    |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                    |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                    |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 82                |                                    |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                  | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Martin Mokošák, PhD.           |                                    |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                    |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                    |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                     |                                                                 |       |      |     |      |  |  |  |  |  |
|---------------------------------------------------------------------|-----------------------------------------------------------------|-------|------|-----|------|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                |                                                                 |       |      |     |      |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                         |                                                                 |       |      |     |      |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-068/10                          | <b>Course title:</b><br>German Preparatory Course for UNIcert 1 |       |      |     |      |  |  |  |  |  |
| <b>Educational activities:</b>                                      |                                                                 |       |      |     |      |  |  |  |  |  |
| <b>Type of activities:</b> seminar                                  |                                                                 |       |      |     |      |  |  |  |  |  |
| <b>Number of hours:</b>                                             |                                                                 |       |      |     |      |  |  |  |  |  |
| per week: 2 per level/semester: 28                                  |                                                                 |       |      |     |      |  |  |  |  |  |
| <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> II.                                       |                                                                 |       |      |     |      |  |  |  |  |  |
| <b>Prerequisites:</b>                                               |                                                                 |       |      |     |      |  |  |  |  |  |
| <b>Course requirements:</b>                                         |                                                                 |       |      |     |      |  |  |  |  |  |
| <b>Learning outcomes:</b>                                           |                                                                 |       |      |     |      |  |  |  |  |  |
| <b>Class syllabus:</b>                                              |                                                                 |       |      |     |      |  |  |  |  |  |
| <b>Recommended literature:</b>                                      |                                                                 |       |      |     |      |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                  |                                                                 |       |      |     |      |  |  |  |  |  |
| <b>Notes:</b>                                                       |                                                                 |       |      |     |      |  |  |  |  |  |
| <b>Past grade distribution</b>                                      |                                                                 |       |      |     |      |  |  |  |  |  |
| Total number of evaluated students: 26                              |                                                                 |       |      |     |      |  |  |  |  |  |
| A                                                                   | B                                                               | C     | D    | E   | FX   |  |  |  |  |  |
| 46,15                                                               | 30,77                                                           | 15,38 | 3,85 | 0,0 | 3,85 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Stella Rizmanová, Mgr. Karin Rózsová Wolfová |                                                                 |       |      |     |      |  |  |  |  |  |
| <b>Last change:</b>                                                 |                                                                 |       |      |     |      |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.               |                                                                 |       |      |     |      |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                     |                                                                 |      |     |     |     |  |  |  |  |  |
|---------------------------------------------------------------------|-----------------------------------------------------------------|------|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                |                                                                 |      |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                         |                                                                 |      |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-069/10                          | <b>Course title:</b><br>German Preparatory Course for UNIcert 2 |      |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                      |                                                                 |      |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> seminar                                  |                                                                 |      |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                             |                                                                 |      |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                  |                                                                 |      |     |     |     |  |  |  |  |  |
| <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> II.                                       |                                                                 |      |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                               |                                                                 |      |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                         |                                                                 |      |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                           |                                                                 |      |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                              |                                                                 |      |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                      |                                                                 |      |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                  |                                                                 |      |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                       |                                                                 |      |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                      |                                                                 |      |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 14                              |                                                                 |      |     |     |     |  |  |  |  |  |
| A                                                                   | B                                                               | C    | D   | E   | FX  |  |  |  |  |  |
| 85,71                                                               | 7,14                                                            | 7,14 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Stella Rizmanová, Mgr. Karin Rózsová Wolfová |                                                                 |      |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                 |                                                                 |      |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.               |                                                                 |      |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                     |                                  |      |      |     |      |
|---------------------------------------------------------------------|----------------------------------|------|------|-----|------|
| <b>University:</b> Comenius University in Bratislava                |                                  |      |      |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                         |                                  |      |      |     |      |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-064/10                          | <b>Course title:</b><br>German 1 |      |      |     |      |
| <b>Educational activities:</b>                                      |                                  |      |      |     |      |
| <b>Type of activities:</b> seminar                                  |                                  |      |      |     |      |
| <b>Number of hours:</b>                                             |                                  |      |      |     |      |
| per week: 2 per level/semester: 28                                  |                                  |      |      |     |      |
| <b>Form of the course:</b> on-site learning                         |                                  |      |      |     |      |
| <b>Number of credits:</b> 2                                         |                                  |      |      |     |      |
| <b>Recommended semester:</b> 1., 3.                                 |                                  |      |      |     |      |
| <b>Educational level:</b> II.                                       |                                  |      |      |     |      |
| <b>Prerequisites:</b>                                               |                                  |      |      |     |      |
| <b>Course requirements:</b>                                         |                                  |      |      |     |      |
| <b>Learning outcomes:</b>                                           |                                  |      |      |     |      |
| <b>Class syllabus:</b>                                              |                                  |      |      |     |      |
| <b>Recommended literature:</b>                                      |                                  |      |      |     |      |
| <b>Languages necessary to complete the course:</b>                  |                                  |      |      |     |      |
| <b>Notes:</b>                                                       |                                  |      |      |     |      |
| <b>Past grade distribution</b>                                      |                                  |      |      |     |      |
| Total number of evaluated students: 56                              |                                  |      |      |     |      |
| A                                                                   | B                                | C    | D    | E   | FX   |
| 83,93                                                               | 3,57                             | 1,79 | 3,57 | 0,0 | 7,14 |
| <b>Lecturers:</b> Mgr. Stella Rizmanová, Mgr. Karin Rózsová Wolfová |                                  |      |      |     |      |
| <b>Last change:</b>                                                 |                                  |      |      |     |      |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.               |                                  |      |      |     |      |

## COURSE DESCRIPTION

|                                                                     |                                  |     |     |     |     |  |  |  |  |  |
|---------------------------------------------------------------------|----------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                |                                  |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                         |                                  |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-065/10                          | <b>Course title:</b><br>German 2 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                      |                                  |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> seminar                                  |                                  |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                             |                                  |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                  |                                  |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                         |                                  |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 2                                         |                                  |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2., 4.                                 |                                  |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                       |                                  |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                               |                                  |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                         |                                  |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                           |                                  |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                              |                                  |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                      |                                  |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                  |                                  |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                       |                                  |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                      |                                  |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 50                              |                                  |     |     |     |     |  |  |  |  |  |
| A                                                                   | B                                | C   | D   | E   | FX  |  |  |  |  |  |
| 86,0                                                                | 8,0                              | 2,0 | 2,0 | 0,0 | 2,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Stella Rizmanová, Mgr. Karin Rózsová Wolfová |                                  |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                 |                                  |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.               |                                  |     |     |     |     |  |  |  |  |  |

## STATE EXAM DESCRIPTION

|                                                       |                                             |
|-------------------------------------------------------|---------------------------------------------|
| <b>University:</b> Comenius University in Bratislava  |                                             |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                             |
| <b>Course ID:</b><br>PriF.KAgCh/N-CHFZ-959/15         | <b>Course title:</b><br>Inorganic Chemistry |
| <b>Number of credits:</b> 1                           |                                             |
| <b>Educational level:</b> II.                         |                                             |
| <b>State exam syllabus:</b>                           |                                             |
| <b>Last change:</b>                                   |                                             |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                             |

## COURSE DESCRIPTION

|                                                       |                                                               |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|---------------------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-117/15         | <b>Course title:</b><br>Introduction to Theory of Solid Phase |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> lecture                    |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                                               |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 3                           |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                       |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                                               |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 4                 |                                                               |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                                             | C   | D   | E   | FX  |  |  |  |  |  |
| 75,0                                                  | 25,0                                                          | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> doc. Ing. Tomáš Bučko, PhD.         |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                        |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                               |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                                                       |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|-----------------------------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-124/15         | <b>Course title:</b><br>Kinetics and Mechanisms of Chemical Reactions |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> seminar                    |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                                                       |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 2                           |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                       |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                                                       |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 1                 |                                                                       |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                                                     | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                                                   | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> prof. RNDr. Peter Ševčík, DrSc.     |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                        |                                                                       |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                                       |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                     |                                                  |      |     |     |     |  |  |  |  |  |
|---------------------------------------------------------------------|--------------------------------------------------|------|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                         |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-100/15                       | <b>Course title:</b><br>Macromolecular Chemistry |      |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                      |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> lecture                                  |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                             |                                                  |      |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                  |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                         |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 3                                         |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                                     |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                       |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                               |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                         |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                           |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                              |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                      |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                  |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                       |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                      |                                                  |      |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 5                               |                                                  |      |     |     |     |  |  |  |  |  |
| A                                                                   | B                                                | C    | D   | E   | FX  |  |  |  |  |  |
| 40,0                                                                | 20,0                                             | 40,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> RNDr. Peter Cifra, DrSc., Mgr. Juraj Kronek, PhD. |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                                      |                                                  |      |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.               |                                                  |      |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                                                    |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|--------------------------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KAgCh/N-mCAG-100/15         | <b>Course title:</b><br>Magnetic Properties of Inorganic Compounds |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> lecture                    |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                                                    |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 3                           |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                       |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                                                    |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 0                 |                                                                    |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                                                  | C   | D   | E   | FX  |  |  |  |  |  |
| 0,0                                                   | 0,0                                                                | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> prof. RNDr. Gustáv Plesch, DrSc.    |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                        |                                                                    |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                                    |     |     |     |     |  |  |  |  |  |

## STATE EXAM DESCRIPTION

|                                                       |                                               |
|-------------------------------------------------------|-----------------------------------------------|
| <b>University:</b> Comenius University in Bratislava  |                                               |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                               |
| <b>Course ID:</b><br>PriF.KFTCh/N-mOBH-100/15         | <b>Course title:</b><br>Master Thesis Defense |
| <b>Number of credits:</b> 10                          |                                               |
| <b>Educational level:</b> II.                         |                                               |
| <b>State exam syllabus:</b>                           |                                               |
| <b>Last change:</b>                                   |                                               |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                               |

## COURSE DESCRIPTION

|                                                       |                                             |      |      |     |     |  |  |  |  |  |
|-------------------------------------------------------|---------------------------------------------|------|------|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                             |      |      |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                             |      |      |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KAgCh/N-mCAG-101/15         | <b>Course title:</b><br>Materials Chemistry |      |      |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                             |      |      |     |     |  |  |  |  |  |
| <b>Type of activities:</b> lecture / seminar          |                                             |      |      |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                             |      |      |     |     |  |  |  |  |  |
| per week: 2 / 1 per level/semester: 28 / 14           |                                             |      |      |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                             |      |      |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 3                           |                                             |      |      |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                       |                                             |      |      |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                             |      |      |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                             |      |      |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                             |      |      |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                             |      |      |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                             |      |      |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                             |      |      |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                             |      |      |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                             |      |      |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                             |      |      |     |     |  |  |  |  |  |
| Total number of evaluated students: 8                 |                                             |      |      |     |     |  |  |  |  |  |
| A                                                     | B                                           | C    | D    | E   | FX  |  |  |  |  |  |
| 12,5                                                  | 37,5                                        | 37,5 | 12,5 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> prof. RNDr. Gustáv Plesch, DrSc.    |                                             |      |      |     |     |  |  |  |  |  |
| <b>Last change:</b> 22.11.2017                        |                                             |      |      |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                             |      |      |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                                   |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|---------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-132/15         | <b>Course title:</b><br>Metallo-organic chemistry |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> lecture / seminar          |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                                   |     |     |     |     |  |  |  |  |  |
| per week: 2 / 1 per level/semester: 28 / 14           |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 3                           |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                       |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                                   |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 0                 |                                                   |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                                 | C   | D   | E   | FX  |  |  |  |  |  |
| 0,0                                                   | 0,0                                               | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> prof. Mgr. Radovan Šebesta, DrSc.   |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                        |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                   |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |     |     |     |     |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                           |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-114/15                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Course title:</b><br>Methodics of Scientific Work (1) |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |     |     |     |     |  |  |  |  |  |
| per week: 4 per level/semester: 56                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                             |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 0                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                          |     |     |     |     |  |  |  |  |  |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                              | B                                                        | C   | D   | E   | FX  |  |  |  |  |  |
| 0,0                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0,0                                                      | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> doc. Ing. Tomáš Bučko, PhD., doc. RNDr. Juraj Bujdák, DrSc., prof. RNDr. Ivan Černušák, DrSc., doc. Ing. Marián Janek, PhD., RNDr. Monika Jerigová, PhD., prof. RNDr. Vladimír Kellö, DrSc., doc. Mgr. Pavel Neogrády, DrSc., RNDr. Lukáš Félix Paštka, PhD., doc. Mgr. Michal Pitoňák, PhD., RNDr. Erik Szabó, PhD., prof. RNDr. Miroslav Urban, DrSc., doc. RNDr. Ivan Valent, CSc., doc. Ing. Dušan Velič, PhD., RNDr. Dušan Lorenc, PhD. |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                                                                                                                                                                                                                                                                                                                          |                                                          |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |     |     |     |     |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                            |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-115/15                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Course title:</b><br>Methodics of Scientific Work (2) |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                          |     |     |     |     |  |  |  |  |  |
| per week: 4 per level/semester: 56                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                              |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 2                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                          |     |     |     |     |  |  |  |  |  |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                               | B                                                        | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0,0                                                      | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> doc. Ing. Tomáš Bučko, PhD., doc. RNDr. Juraj Bujdák, DrSc., prof. RNDr. Ivan Černušák, DrSc., doc. Ing. Marián Janek, PhD., prof. RNDr. Vladimír Kellö, DrSc., doc. Mgr. Pavel Neogrády, DrSc., doc. Mgr. Michal Pitoňák, PhD., RNDr. Erik Szabó, PhD., doc. RNDr. Ivan Valent, CSc., doc. Ing. Dušan Velič, PhD., RNDr. Monika Jerigová, PhD., RNDr. Lukáš Félix Pašteka, PhD., prof. RNDr. Miroslav Urban, DrSc., RNDr. Dušan Lorenc, PhD. |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                                                                                                                                                                                                                                                                                                                           |                                                          |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                                   |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|---------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-094/15           | <b>Course title:</b><br>Non-traditional Sports 10 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                                   |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                       |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                                   |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 0                 |                                                   |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                                 | C   | D   | E   | FX  |  |  |  |  |  |
| 0,0                                                   | 0,0                                               | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Igor Remák, PhD.               |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                                   |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                   |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                                  |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|--------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-091/15           | <b>Course title:</b><br>Non-traditional Sports 7 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                                  |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                       |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                                  |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 1                 |                                                  |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                                | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                              | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Igor Remák, PhD.               |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                  |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                                  |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|--------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-092/15           | <b>Course title:</b><br>Non-traditional Sports 8 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                                  |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                       |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                                  |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 0                 |                                                  |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                                | C   | D   | E   | FX  |  |  |  |  |  |
| 0,0                                                   | 0,0                                              | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Igor Remák, PhD.               |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                  |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                                  |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|--------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-093/15           | <b>Course title:</b><br>Non-traditional Sports 9 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                                  |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                       |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                                  |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 0                 |                                                  |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                                | C   | D   | E   | FX  |  |  |  |  |  |
| 0,0                                                   | 0,0                                              | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Igor Remák, PhD.               |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                                  |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                  |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                                |     |     |     |     |
|-------------------------------------------------------|------------------------------------------------|-----|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava  |                                                |     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                |     |     |     |     |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-050/15         | <b>Course title:</b><br>Nonequilibrium systems |     |     |     |     |
| <b>Educational activities:</b>                        |                                                |     |     |     |     |
| <b>Type of activities:</b> lecture                    |                                                |     |     |     |     |
| <b>Number of hours:</b>                               |                                                |     |     |     |     |
| per week: 2 per level/semester: 28                    |                                                |     |     |     |     |
| <b>Form of the course:</b> on-site learning           |                                                |     |     |     |     |
| <b>Number of credits:</b> 3                           |                                                |     |     |     |     |
| <b>Recommended semester:</b> 1.                       |                                                |     |     |     |     |
| <b>Educational level:</b> II.                         |                                                |     |     |     |     |
| <b>Prerequisites:</b>                                 |                                                |     |     |     |     |
| <b>Course requirements:</b>                           |                                                |     |     |     |     |
| <b>Learning outcomes:</b>                             |                                                |     |     |     |     |
| <b>Class syllabus:</b>                                |                                                |     |     |     |     |
| <b>Recommended literature:</b>                        |                                                |     |     |     |     |
| <b>Languages necessary to complete the course:</b>    |                                                |     |     |     |     |
| <b>Notes:</b>                                         |                                                |     |     |     |     |
| <b>Past grade distribution</b>                        |                                                |     |     |     |     |
| Total number of evaluated students: 5                 |                                                |     |     |     |     |
| A                                                     | B                                              | C   | D   | E   | FX  |
| 100,0                                                 | 0,0                                            | 0,0 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Ivan Valent, CSc.        |                                                |     |     |     |     |
| <b>Last change:</b> 23.11.2017                        |                                                |     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                |     |     |     |     |

## STATE EXAM DESCRIPTION

|                                                       |                                           |
|-------------------------------------------------------|-------------------------------------------|
| <b>University:</b> Comenius University in Bratislava  |                                           |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                           |
| <b>Course ID:</b><br>PriF.KJCh/N-CHFZ-960/15          | <b>Course title:</b><br>Nuclear chemistry |
| <b>Number of credits:</b> 1                           |                                           |
| <b>Educational level:</b> II.                         |                                           |
| <b>State exam syllabus:</b>                           |                                           |
| <b>Last change:</b>                                   |                                           |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                           |

## STATE EXAM DESCRIPTION

|                                                       |                                           |
|-------------------------------------------------------|-------------------------------------------|
| <b>University:</b> Comenius University in Bratislava  |                                           |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                           |
| <b>Course ID:</b><br>PriF.KOrCh/N-CHFZ-961/15         | <b>Course title:</b><br>Organic Chemistry |
| <b>Number of credits:</b> 1                           |                                           |
| <b>Educational level:</b> II.                         |                                           |
| <b>State exam syllabus:</b>                           |                                           |
| <b>Last change:</b>                                   |                                           |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                           |

## STATE EXAM DESCRIPTION

|                                                       |                                            |
|-------------------------------------------------------|--------------------------------------------|
| <b>University:</b> Comenius University in Bratislava  |                                            |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                            |
| <b>Course ID:</b><br>PriF.KFTCh/N-CHFZ-955/15         | <b>Course title:</b><br>Physical Chemistry |
| <b>Number of credits:</b> 2                           |                                            |
| <b>Educational level:</b> II.                         |                                            |
| <b>State exam syllabus:</b>                           |                                            |
| <b>Last change:</b>                                   |                                            |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                            |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                             |     |     |     |     |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----|-----|-----|-----|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                  |                                             |     |     |     |     |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                           |                                             |     |     |     |     |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-125/15                                                                                                                                                                                                                                                                                                                                                                                         | <b>Course title:</b><br>Pre-diploma seminar |     |     |     |     |  |  |  |  |
| <b>Educational activities:</b>                                                                                                                                                                                                                                                                                                                                                                                                        |                                             |     |     |     |     |  |  |  |  |
| <b>Type of activities:</b> seminar                                                                                                                                                                                                                                                                                                                                                                                                    |                                             |     |     |     |     |  |  |  |  |
| <b>Number of hours:</b>                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |     |     |     |     |  |  |  |  |
| per week: 2 per level/semester: 28                                                                                                                                                                                                                                                                                                                                                                                                    |                                             |     |     |     |     |  |  |  |  |
| <b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                           |                                             |     |     |     |     |  |  |  |  |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                           |                                             |     |     |     |     |  |  |  |  |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                       |                                             |     |     |     |     |  |  |  |  |
| <b>Educational level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                         |                                             |     |     |     |     |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                 |                                             |     |     |     |     |  |  |  |  |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                           |                                             |     |     |     |     |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                             |                                             |     |     |     |     |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |     |     |     |     |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                        |                                             |     |     |     |     |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                    |                                             |     |     |     |     |  |  |  |  |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                         |                                             |     |     |     |     |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                                                                                                                                                                                                                                                                                                                        |                                             |     |     |     |     |  |  |  |  |
| Total number of evaluated students: 5                                                                                                                                                                                                                                                                                                                                                                                                 |                                             |     |     |     |     |  |  |  |  |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                     | B                                           | C   | D   | E   | FX  |  |  |  |  |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,0                                         | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |
| <b>Lecturers:</b> doc. Ing. Tomáš Bučko, PhD., doc. RNDr. Juraj Bujdák, DrSc., prof. RNDr. Ivan Černušák, DrSc., doc. Ing. Marián Janek, PhD., prof. RNDr. Vladimír Kellö, DrSc., doc. Mgr. Pavel Neogrády, DrSc., doc. Mgr. Michal Pitoňák, PhD., RNDr. Erik Szabó, PhD., doc. RNDr. Ivan Valent, CSc., doc. Ing. Dušan Velič, PhD., prof. RNDr. Miroslav Urban, DrSc., RNDr. Monika Jerigová, PhD., RNDr. Lukáš Félix Pašteka, PhD. |                                             |     |     |     |     |  |  |  |  |
| <b>Last change:</b> 23.11.2017                                                                                                                                                                                                                                                                                                                                                                                                        |                                             |     |     |     |     |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                                                                                                                                                                                                                                                                                                 |                                             |     |     |     |     |  |  |  |  |

## COURSE DESCRIPTION

|                                                                                      |                                           |      |      |     |     |
|--------------------------------------------------------------------------------------|-------------------------------------------|------|------|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                 |                                           |      |      |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                          |                                           |      |      |     |     |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-101/15                                        | <b>Course title:</b><br>Quantum Chemistry |      |      |     |     |
| <b>Educational activities:</b>                                                       |                                           |      |      |     |     |
| <b>Type of activities:</b> lecture / seminar                                         |                                           |      |      |     |     |
| <b>Number of hours:</b>                                                              |                                           |      |      |     |     |
| per week: 2 / 1 per level/semester: 28 / 14                                          |                                           |      |      |     |     |
| <b>Form of the course:</b> on-site learning                                          |                                           |      |      |     |     |
| <b>Number of credits:</b> 4                                                          |                                           |      |      |     |     |
| <b>Recommended semester:</b> 1.                                                      |                                           |      |      |     |     |
| <b>Educational level:</b> II.                                                        |                                           |      |      |     |     |
| <b>Prerequisites:</b>                                                                |                                           |      |      |     |     |
| <b>Course requirements:</b>                                                          |                                           |      |      |     |     |
| <b>Learning outcomes:</b>                                                            |                                           |      |      |     |     |
| <b>Class syllabus:</b>                                                               |                                           |      |      |     |     |
| <b>Recommended literature:</b>                                                       |                                           |      |      |     |     |
| <b>Languages necessary to complete the course:</b>                                   |                                           |      |      |     |     |
| <b>Notes:</b>                                                                        |                                           |      |      |     |     |
| <b>Past grade distribution</b>                                                       |                                           |      |      |     |     |
| Total number of evaluated students: 8                                                |                                           |      |      |     |     |
| A                                                                                    | B                                         | C    | D    | E   | FX  |
| 50,0                                                                                 | 12,5                                      | 25,0 | 12,5 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Pavel Neogrády, DrSc., prof. RNDr. Miroslav Urban, DrSc. |                                           |      |      |     |     |
| <b>Last change:</b> 23.11.2017                                                       |                                           |      |      |     |     |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                |                                           |      |      |     |     |

## COURSE DESCRIPTION

|                                                                                   |                                                                 |       |       |       |     |  |  |  |  |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------|-------|-------|-------|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                              |                                                                 |       |       |       |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                       |                                                                 |       |       |       |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-107/15                                     | <b>Course title:</b><br>Reaction Mechanisms and Solvent Effects |       |       |       |     |  |  |  |  |  |
| <b>Educational activities:</b>                                                    |                                                                 |       |       |       |     |  |  |  |  |  |
| <b>Type of activities:</b> lecture                                                |                                                                 |       |       |       |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                           |                                                                 |       |       |       |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                                |                                                                 |       |       |       |     |  |  |  |  |  |
| <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> II.                                                     |                                                                 |       |       |       |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                             |                                                                 |       |       |       |     |  |  |  |  |  |
| <b>Course requirements:</b>                                                       |                                                                 |       |       |       |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                         |                                                                 |       |       |       |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                            |                                                                 |       |       |       |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                                    |                                                                 |       |       |       |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                |                                                                 |       |       |       |     |  |  |  |  |  |
| <b>Notes:</b>                                                                     |                                                                 |       |       |       |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                                    |                                                                 |       |       |       |     |  |  |  |  |  |
| Total number of evaluated students: 9                                             |                                                                 |       |       |       |     |  |  |  |  |  |
| A                                                                                 | B                                                               | C     | D     | E     | FX  |  |  |  |  |  |
| 33,33                                                                             | 11,11                                                           | 11,11 | 33,33 | 11,11 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> doc. RNDr. Juraj Bujdák, DrSc., prof. RNDr. Peter Ševčík, DrSc. |                                                                 |       |       |       |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                                                    |                                                                 |       |       |       |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                             |                                                                 |       |       |       |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                                |      |     |     |     |
|-------------------------------------------------------|------------------------------------------------|------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava  |                                                |      |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                |      |     |     |     |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-108/15         | <b>Course title:</b><br>Resonance Spectroscopy |      |     |     |     |
| <b>Educational activities:</b>                        |                                                |      |     |     |     |
| <b>Type of activities:</b> lecture                    |                                                |      |     |     |     |
| <b>Number of hours:</b>                               |                                                |      |     |     |     |
| per week: 1 per level/semester: 14                    |                                                |      |     |     |     |
| <b>Form of the course:</b> on-site learning           |                                                |      |     |     |     |
| <b>Number of credits:</b> 2                           |                                                |      |     |     |     |
| <b>Recommended semester:</b> 1., 3.                   |                                                |      |     |     |     |
| <b>Educational level:</b> II.                         |                                                |      |     |     |     |
| <b>Prerequisites:</b>                                 |                                                |      |     |     |     |
| <b>Course requirements:</b>                           |                                                |      |     |     |     |
| <b>Learning outcomes:</b>                             |                                                |      |     |     |     |
| <b>Class syllabus:</b>                                |                                                |      |     |     |     |
| <b>Recommended literature:</b>                        |                                                |      |     |     |     |
| <b>Languages necessary to complete the course:</b>    |                                                |      |     |     |     |
| <b>Notes:</b>                                         |                                                |      |     |     |     |
| <b>Past grade distribution</b>                        |                                                |      |     |     |     |
| Total number of evaluated students: 8                 |                                                |      |     |     |     |
| A                                                     | B                                              | C    | D   | E   | FX  |
| 62,5                                                  | 0,0                                            | 37,5 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Ing. Miloš Hricovíni, PhD.          |                                                |      |     |     |     |
| <b>Last change:</b> 23.11.2017                        |                                                |      |     |     |     |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                |      |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                        |                                                                                        |     |     |     |     |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                                   |                                                                                        |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                            |                                                                                        |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-120/15                                                                                                          | <b>Course title:</b><br>Selected Topics in Theoretical and Computational Chemistry (1) |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                                                                                                         |                                                                                        |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> lecture                                                                                                                     |                                                                                        |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                                                                                                |                                                                                        |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                                                                                                     |                                                                                        |     |     |     |     |  |  |  |  |  |
| <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> II.                                                                                                                          |                                                                                        |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                                  |                                                                                        |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                                                                                                            |                                                                                        |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                                              |                                                                                        |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                                                 |                                                                                        |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                                         |                                                                                        |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                                     |                                                                                        |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                          |                                                                                        |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                                         |                                                                                        |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 5                                                                                                                  |                                                                                        |     |     |     |     |  |  |  |  |  |
| A                                                                                                                                                      | B                                                                                      | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                                                                                                                  | 0,0                                                                                    | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> prof. RNDr. Ivan Černušák, DrSc., doc. Mgr. Michal Pitoňák, PhD., prof. RNDr. Miroslav Urban, DrSc., doc. Mgr. Pavel Neogrády, DrSc. |                                                                                        |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                                                                                                                         |                                                                                        |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                  |                                                                                        |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                              |      |      |      |     |  |  |  |  |  |
|-------------------------------------------------------|----------------------------------------------|------|------|------|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                              |      |      |      |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                              |      |      |      |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KJCh/N-mCJD-103/15          | <b>Course title:</b><br>Separative Chemistry |      |      |      |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                              |      |      |      |     |  |  |  |  |  |
| <b>Type of activities:</b> lecture                    |                                              |      |      |      |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                              |      |      |      |     |  |  |  |  |  |
| per week: 4 per level/semester: 56                    |                                              |      |      |      |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                              |      |      |      |     |  |  |  |  |  |
| <b>Number of credits:</b> 6                           |                                              |      |      |      |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1., 3.                   |                                              |      |      |      |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                              |      |      |      |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                              |      |      |      |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                              |      |      |      |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                              |      |      |      |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                              |      |      |      |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                              |      |      |      |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                              |      |      |      |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                              |      |      |      |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                              |      |      |      |     |  |  |  |  |  |
| Total number of evaluated students: 10                |                                              |      |      |      |     |  |  |  |  |  |
| A                                                     | B                                            | C    | D    | E    | FX  |  |  |  |  |  |
| 0,0                                                   | 0,0                                          | 10,0 | 60,0 | 30,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> RNDr. Ol'ga Rosskopfová, PhD.       |                                              |      |      |      |     |  |  |  |  |  |
| <b>Last change:</b> 15.11.2017                        |                                              |      |      |      |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                              |      |      |      |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |     |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                         |                                          |     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                  |                                          |     |     |     |     |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-118/15                                                                                                                                                                                                                                                                                                                                                                                | <b>Course title:</b><br>Special Practice |     |     |     |     |
| <b>Educational activities:</b>                                                                                                                                                                                                                                                                                                                                                                                               |                                          |     |     |     |     |
| <b>Type of activities:</b> other                                                                                                                                                                                                                                                                                                                                                                                             |                                          |     |     |     |     |
| <b>Number of hours:</b>                                                                                                                                                                                                                                                                                                                                                                                                      |                                          |     |     |     |     |
| per week: per level/semester: 17d                                                                                                                                                                                                                                                                                                                                                                                            |                                          |     |     |     |     |
| <b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                  |                                          |     |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                  |                                          |     |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                              |                                          |     |     |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                |                                          |     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                        |                                          |     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                  |                                          |     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                    |                                          |     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                       |                                          |     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                               |                                          |     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                           |                                          |     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |     |     |     |     |
| <b>Past grade distribution</b>                                                                                                                                                                                                                                                                                                                                                                                               |                                          |     |     |     |     |
| Total number of evaluated students: 5                                                                                                                                                                                                                                                                                                                                                                                        |                                          |     |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                            | B                                        | C   | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                        | 0,0                                      | 0,0 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Ing. Tomáš Bučko, PhD., doc. RNDr. Juraj Bujdák, DrSc., prof. RNDr. Ivan Černušák, DrSc., prof. RNDr. Vladimír Kellö, DrSc., doc. Mgr. Pavel Neogrády, DrSc., doc. Mgr. Michal Pitoňák, PhD., RNDr. Erik Szabó, PhD., doc. RNDr. Ivan Valent, CSc., doc. Ing. Dušan Velič, PhD., RNDr. Lukáš Félix Pašteka, PhD., doc. Ing. Marián Janek, PhD., RNDr. Monika Jerigová, PhD., RNDr. Dušan Lorenc, PhD. |                                          |     |     |     |     |
| <b>Last change:</b> 23.11.2017                                                                                                                                                                                                                                                                                                                                                                                               |                                          |     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                                                                                                                                                                                                                                                                                        |                                          |     |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                               |     |     |     |     |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                             |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-126/15                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Course title:</b><br>Special excercise to diploma thesis 1 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                               |     |     |     |     |  |  |  |  |  |
| per week: 12 per level/semester: 168                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 14                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                               |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                               |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 3                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                               |     |     |     |     |  |  |  |  |  |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                | B                                                             | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0,0                                                           | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> doc. RNDr. Juraj Bujdák, DrSc., doc. Ing. Marián Janeček, PhD., prof. RNDr. Vladimír Kellö, DrSc., RNDr. Erik Szabó, PhD., doc. RNDr. Ivan Valent, CSc., doc. Ing. Dušan Velič, PhD., prof. RNDr. Miroslav Urban, DrSc., prof. RNDr. Ivan Černušák, DrSc., RNDr. Monika Jerigová, PhD., doc. Mgr. Pavel Neogrády, DrSc., RNDr. Lukáš Félix Paštka, PhD., doc. Mgr. Michal Pitoňák, PhD., doc. Ing. Tomáš Bučko, PhD., RNDr. Dušan Lorenc, PhD. |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                                                                                                                                                                                                                                                                                                                            |                                                               |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                               |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                              |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-127/15                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Course title:</b><br>Special excercise to diploma thesis 2 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                               |     |     |     |     |  |  |  |  |  |
| per week: 14 per level/semester: 196                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 10                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                               |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 3                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                               |     |     |     |     |  |  |  |  |  |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | B                                                             | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0,0                                                           | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> doc. RNDr. Juraj Bujdák, DrSc., doc. Ing. Marián Janeček, PhD., prof. RNDr. Vladimír Kellö, DrSc., RNDr. Erik Szabó, PhD., doc. RNDr. Ivan Valent, CSc., doc. Ing. Dušan Velič, PhD., doc. Ing. Tomáš Bučko, PhD., prof. RNDr. Ivan Černušák, DrSc., RNDr. Monika Jerigová, PhD., doc. Mgr. Pavel Neogrády, DrSc., RNDr. Lukáš Félix Pašteka, PhD., doc. Mgr. Michal Pitoňák, PhD., prof. RNDr. Miroslav Urban, DrSc., RNDr. Dušan Lorenc, PhD. |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                               |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                                                                                                                                                                                                                                                                                                                             |                                                               |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                                   |                                               |     |     |     |     |
|-----------------------------------------------------------------------------------|-----------------------------------------------|-----|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                              |                                               |     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                       |                                               |     |     |     |     |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-131/15                                     | <b>Course title:</b><br>Specialistic Practise |     |     |     |     |
| <b>Educational activities:</b>                                                    |                                               |     |     |     |     |
| <b>Type of activities:</b> practice                                               |                                               |     |     |     |     |
| <b>Number of hours:</b>                                                           |                                               |     |     |     |     |
| per week: per level/semester: 3t                                                  |                                               |     |     |     |     |
| <b>Form of the course:</b> on-site learning                                       |                                               |     |     |     |     |
| <b>Number of credits:</b> 3                                                       |                                               |     |     |     |     |
| <b>Recommended semester:</b> 3.                                                   |                                               |     |     |     |     |
| <b>Educational level:</b> II.                                                     |                                               |     |     |     |     |
| <b>Prerequisites:</b>                                                             |                                               |     |     |     |     |
| <b>Course requirements:</b>                                                       |                                               |     |     |     |     |
| <b>Learning outcomes:</b>                                                         |                                               |     |     |     |     |
| <b>Class syllabus:</b>                                                            |                                               |     |     |     |     |
| <b>Recommended literature:</b>                                                    |                                               |     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                |                                               |     |     |     |     |
| <b>Notes:</b>                                                                     |                                               |     |     |     |     |
| <b>Past grade distribution</b>                                                    |                                               |     |     |     |     |
| Total number of evaluated students: 4                                             |                                               |     |     |     |     |
| A                                                                                 | B                                             | C   | D   | E   | FX  |
| 100,0                                                                             | 0,0                                           | 0,0 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Vladimír Kellö, DrSc., doc. RNDr. Ivan Valent, CSc. |                                               |     |     |     |     |
| <b>Last change:</b> 23.11.2017                                                    |                                               |     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                             |                                               |     |     |     |     |

## COURSE DESCRIPTION

|                                                       |                                                    |      |      |     |     |  |  |  |  |  |
|-------------------------------------------------------|----------------------------------------------------|------|------|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                                    |      |      |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                    |      |      |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KFTCh/N-mCFZ-109/15         | <b>Course title:</b><br>Statistical Thermodynamics |      |      |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                                    |      |      |     |     |  |  |  |  |  |
| <b>Type of activities:</b> lecture                    |                                                    |      |      |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                                    |      |      |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                                    |      |      |     |     |  |  |  |  |  |
| <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> II.                         |                                                    |      |      |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                                    |      |      |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                                    |      |      |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                                    |      |      |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                                    |      |      |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                                    |      |      |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                                    |      |      |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                                    |      |      |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                                    |      |      |     |     |  |  |  |  |  |
| Total number of evaluated students: 10                |                                                    |      |      |     |     |  |  |  |  |  |
| A                                                     | B                                                  | C    | D    | E   | FX  |  |  |  |  |  |
| 50,0                                                  | 0,0                                                | 10,0 | 40,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> prof. RNDr. Vladimír Kellö, DrSc.   |                                                    |      |      |     |     |  |  |  |  |  |
| <b>Last change:</b> 23.11.2017                        |                                                    |      |      |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                    |      |      |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                                           |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|-----------------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mUXX-204/10           | <b>Course title:</b><br>Summer physic-educational meeting |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> other                      |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                                           |     |     |     |     |  |  |  |  |  |
| per week: per level/semester: 7d                      |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                       |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                                           |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 35                |                                                           |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                                         | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                                       | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Miriam Sedláčková, PhD.        |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                           |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                                                                                                       |                                 |      |     |     |     |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                                  |                                 |      |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                           |                                 |      |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-054/10                                                                                                           | <b>Course title:</b><br>Swim 10 |      |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                                                                                                        |                                 |      |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                                                                                                 |                                 |      |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                                                                                               |                                 |      |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                                                                                                    |                                 |      |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                                                                                                           |                                 |      |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                                                                                                           |                                 |      |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                                                                                                                       |                                 |      |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                                                                                                         |                                 |      |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                                 |                                 |      |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                                                                                                           |                                 |      |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                                             |                                 |      |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                                                |                                 |      |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                                        |                                 |      |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                                    |                                 |      |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                         |                                 |      |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                                        |                                 |      |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 65                                                                                                                |                                 |      |     |     |     |  |  |  |  |  |
| A                                                                                                                                                     | B                               | C    | D   | E   | FX  |  |  |  |  |  |
| 96,92                                                                                                                                                 | 1,54                            | 1,54 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> PaedDr. Mgr. Lenka Vandáková, Mgr. Miriam Sedláčková, PhD., PaedDr. Vladimír Hubka, Mgr. Kristína Füzéková, Mgr. Adriana Sládečková |                                 |      |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                                                                                                   |                                 |      |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                 |                                 |      |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                                                                                                       |                                |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                                  |                                |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                           |                                |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-031/10                                                                                                           | <b>Course title:</b><br>Swim 7 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                                                                                                        |                                |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                                                                                                 |                                |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                                                                                               |                                |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                                                                                                    |                                |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                                                                                                           |                                |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                                                                                                           |                                |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                                                                                                                       |                                |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                                                                                                         |                                |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                                 |                                |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                                                                                                           |                                |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                                             |                                |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                                                |                                |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                                        |                                |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                                    |                                |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                         |                                |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                                        |                                |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 114                                                                                                               |                                |     |     |     |     |  |  |  |  |  |
| A                                                                                                                                                     | B                              | C   | D   | E   | FX  |  |  |  |  |  |
| 95,61                                                                                                                                                 | 4,39                           | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> PaedDr. Mgr. Lenka Vandáková, Mgr. Miriam Sedláčková, PhD., PaedDr. Vladimír Hubka, Mgr. Kristína Füzéková, Mgr. Adriana Sládečková |                                |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                                                                                                   |                                |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                 |                                |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                                                                                                                             |                                |     |     |     |     |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                                                        |                                |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                 |                                |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-032/10                                                                                                                                 | <b>Course title:</b><br>Swim 8 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                                                                                                                              |                                |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                                                                                                                       |                                |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                                                                                                                     |                                |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                                                                                                                          |                                |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                                                                                                                                 |                                |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                                                                                                                                 |                                |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                                                                                                                                             |                                |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                                                                                                                               |                                |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                                                       |                                |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                                                                                                                                 |                                |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                                                                   |                                |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                                                                      |                                |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                                                              |                                |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                                                          |                                |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                                               |                                |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                                                              |                                |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 123                                                                                                                                     |                                |     |     |     |     |  |  |  |  |  |
| A                                                                                                                                                                           | B                              | C   | D   | E   | FX  |  |  |  |  |  |
| 96,75                                                                                                                                                                       | 3,25                           | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> PaedDr. Mgr. Lenka Vandáková, Mgr. Miriam Sedláčková, PhD., PaedDr. Vladimír Hubka, Mgr. Kristína Füzéková, Mgr. Adriana Sládečková, Mgr. Mária Patschová |                                |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                                                                                                                         |                                |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                                       |                                |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                                                                                                                        |                                |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                 |                                |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-053/10                                                                                                                                 | <b>Course title:</b><br>Swim 9 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                                                                                                                              |                                |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                                                                                                                       |                                |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                                                                                                                     |                                |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                                                                                                                          |                                |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                                                                                                                                 |                                |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                                                                                                                                 |                                |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                                                                                                                                             |                                |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                                                                                                                               |                                |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                                                                                                                       |                                |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                                                                                                                                 |                                |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                                                                                                                                   |                                |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                                                                                                                      |                                |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                                                                                                                              |                                |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                                                                                                                          |                                |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                                               |                                |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                                                                                                                              |                                |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 102                                                                                                                                     |                                |     |     |     |     |  |  |  |  |  |
| A                                                                                                                                                                           | B                              | C   | D   | E   | FX  |  |  |  |  |  |
| 97,06                                                                                                                                                                       | 2,94                           | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> PaedDr. Mgr. Lenka Vandáková, Mgr. Miriam Sedláčková, PhD., PaedDr. Vladimír Hubka, Mgr. Kristína Füzéková, Mgr. Adriana Sládečková, Mgr. Mária Patschová |                                |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                                                                                                                         |                                |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                                       |                                |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                         |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|-----------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                         |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-066/12           | <b>Course title:</b><br>Table tennis 10 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                         |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                         |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                         |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                         |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                       |                                         |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                         |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                         |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                         |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                         |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                         |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                         |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                         |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                         |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 2                 |                                         |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                       | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                     | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Miriam Sedláčková, PhD.        |                                         |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                         |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                         |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                        |     |     |     |     |
|-------------------------------------------------------|----------------------------------------|-----|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava  |                                        |     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                        |     |     |     |     |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-063/12           | <b>Course title:</b><br>Table tennis 7 |     |     |     |     |
| <b>Educational activities:</b>                        |                                        |     |     |     |     |
| Type of activities: practicals                        |                                        |     |     |     |     |
| <b>Number of hours:</b>                               |                                        |     |     |     |     |
| per week: 2 per level/semester: 28                    |                                        |     |     |     |     |
| <b>Form of the course:</b> on-site learning           |                                        |     |     |     |     |
| <b>Number of credits:</b> 1                           |                                        |     |     |     |     |
| <b>Recommended semester:</b> 1.                       |                                        |     |     |     |     |
| <b>Educational level:</b> II.                         |                                        |     |     |     |     |
| <b>Prerequisites:</b>                                 |                                        |     |     |     |     |
| <b>Course requirements:</b>                           |                                        |     |     |     |     |
| <b>Learning outcomes:</b>                             |                                        |     |     |     |     |
| <b>Class syllabus:</b>                                |                                        |     |     |     |     |
| <b>Recommended literature:</b>                        |                                        |     |     |     |     |
| <b>Languages necessary to complete the course:</b>    |                                        |     |     |     |     |
| <b>Notes:</b>                                         |                                        |     |     |     |     |
| <b>Past grade distribution</b>                        |                                        |     |     |     |     |
| Total number of evaluated students: 3                 |                                        |     |     |     |     |
| A                                                     | B                                      | C   | D   | E   | FX  |
| 100,0                                                 | 0,0                                    | 0,0 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Miriam Sedláčková, PhD.        |                                        |     |     |     |     |
| <b>Last change:</b>                                   |                                        |     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                        |     |     |     |     |

## COURSE DESCRIPTION

|                                                       |                                        |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|----------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                        |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                        |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-064/12           | <b>Course title:</b><br>Table tennis 8 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                        |     |     |     |     |  |  |  |  |  |
| Type of activities: practicals                        |                                        |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                        |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                        |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                        |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                        |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                       |                                        |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                        |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                        |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                        |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                        |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                        |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                        |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                        |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                        |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                        |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 9                 |                                        |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                      | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                    | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Miriam Sedláčková, PhD.        |                                        |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                        |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                        |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                        |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|----------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                        |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                        |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-065/12           | <b>Course title:</b><br>Table tennis 9 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                        |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                        |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                        |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                        |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                        |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                        |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                       |                                        |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                        |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                        |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                        |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                        |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                        |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                        |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                        |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                        |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                        |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 1                 |                                        |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                      | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                    | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Miriam Sedláčková, PhD.        |                                        |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                        |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                        |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                        |                                        |     |     |     |     |  |  |  |  |  |
|------------------------------------------------------------------------|----------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                   |                                        |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                            |                                        |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-052/10                            | <b>Course title:</b><br>Volley-ball 10 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                         |                                        |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                  |                                        |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                |                                        |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                     |                                        |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                            |                                        |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                            |                                        |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                                        |                                        |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                          |                                        |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                  |                                        |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                            |                                        |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                              |                                        |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                 |                                        |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                         |                                        |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                     |                                        |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                          |                                        |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                         |                                        |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 43                                 |                                        |     |     |     |     |  |  |  |  |  |
| A                                                                      | B                                      | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                                  | 0,0                                    | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> PaedDr. Vladimír Hubka, Mgr. Miriam Sedláčková, PhD. |                                        |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                    |                                        |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                  |                                        |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                        |                                       |     |     |     |     |  |  |  |  |  |
|------------------------------------------------------------------------|---------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                   |                                       |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                            |                                       |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-029/10                            | <b>Course title:</b><br>Volley-ball 7 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                         |                                       |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                  |                                       |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                |                                       |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                     |                                       |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                            |                                       |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                            |                                       |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                                        |                                       |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                          |                                       |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                  |                                       |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                            |                                       |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                              |                                       |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                 |                                       |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                         |                                       |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                     |                                       |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                          |                                       |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                         |                                       |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 68                                 |                                       |     |     |     |     |  |  |  |  |  |
| A                                                                      | B                                     | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                                  | 0,0                                   | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> PaedDr. Vladimír Hubka, Mgr. Miriam Sedláčková, PhD. |                                       |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                    |                                       |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                  |                                       |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                        |                                       |     |     |     |     |  |  |  |  |  |
|------------------------------------------------------------------------|---------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                   |                                       |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                            |                                       |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-030/10                            | <b>Course title:</b><br>Volley-ball 8 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                         |                                       |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                  |                                       |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                |                                       |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                     |                                       |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                            |                                       |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                            |                                       |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                                        |                                       |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                          |                                       |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                  |                                       |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                            |                                       |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                              |                                       |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                 |                                       |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                         |                                       |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                     |                                       |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                          |                                       |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                         |                                       |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 49                                 |                                       |     |     |     |     |  |  |  |  |  |
| A                                                                      | B                                     | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                                  | 0,0                                   | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> PaedDr. Vladimír Hubka, Mgr. Miriam Sedláčková, PhD. |                                       |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                    |                                       |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                  |                                       |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                                        |                                       |     |     |     |     |  |  |  |  |  |
|------------------------------------------------------------------------|---------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava                   |                                       |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences                            |                                       |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-051/10                            | <b>Course title:</b><br>Volley-ball 9 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                                         |                                       |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                                  |                                       |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                                                |                                       |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                                     |                                       |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning                            |                                       |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                                            |                                       |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                                        |                                       |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                                          |                                       |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                                  |                                       |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                                            |                                       |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                                              |                                       |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                                 |                                       |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                                         |                                       |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>                     |                                       |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                                          |                                       |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                                         |                                       |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 51                                 |                                       |     |     |     |     |  |  |  |  |  |
| A                                                                      | B                                     | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                                  | 0,0                                   | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> PaedDr. Vladimír Hubka, Mgr. Miriam Sedláčková, PhD. |                                       |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                                    |                                       |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc.                  |                                       |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                          |       |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|------------------------------------------|-------|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                          |       |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                          |       |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-050/10           | <b>Course title:</b><br>Water tourism 10 |       |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                          |       |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                          |       |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                          |       |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                          |       |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                          |       |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                          |       |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                       |                                          |       |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                          |       |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                          |       |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                          |       |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                          |       |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                          |       |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                          |       |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                          |       |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                          |       |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                          |       |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 14                |                                          |       |     |     |     |  |  |  |  |  |
| A                                                     | B                                        | C     | D   | E   | FX  |  |  |  |  |  |
| 85,71                                                 | 0,0                                      | 14,29 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Igor Remák, PhD.               |                                          |       |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                          |       |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                          |       |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                         |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|-----------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                         |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-027/10           | <b>Course title:</b><br>Water tourism 7 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                         |     |     |     |     |  |  |  |  |  |
| Type of activities: practicals                        |                                         |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                         |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                         |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                       |                                         |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                         |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                         |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                         |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                         |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                         |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                         |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                         |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                         |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 15                |                                         |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                       | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                     | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Igor Remák, PhD.               |                                         |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                         |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                         |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                         |      |     |      |     |  |  |  |  |  |
|-------------------------------------------------------|-----------------------------------------|------|-----|------|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                         |      |     |      |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                         |      |     |      |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-028/10           | <b>Course title:</b><br>Water tourism 8 |      |     |      |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                         |      |     |      |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                         |      |     |      |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                         |      |     |      |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                         |      |     |      |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                         |      |     |      |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                         |      |     |      |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                       |                                         |      |     |      |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                         |      |     |      |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                         |      |     |      |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                         |      |     |      |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                         |      |     |      |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                         |      |     |      |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                         |      |     |      |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                         |      |     |      |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                         |      |     |      |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                         |      |     |      |     |  |  |  |  |  |
| Total number of evaluated students: 41                |                                         |      |     |      |     |  |  |  |  |  |
| A                                                     | B                                       | C    | D   | E    | FX  |  |  |  |  |  |
| 82,93                                                 | 2,44                                    | 4,88 | 0,0 | 9,76 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Igor Remák, PhD.               |                                         |      |     |      |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                         |      |     |      |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                         |      |     |      |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                         |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|-----------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                         |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-049/10           | <b>Course title:</b><br>Water tourism 9 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                         |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                         |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                         |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                         |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                       |                                         |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                         |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                         |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                         |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                         |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                         |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                         |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                         |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                         |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                         |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 20                |                                         |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                       | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                     | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Igor Remák, PhD.               |                                         |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                         |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                         |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                                           |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|-----------------------------------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mUXX-203/10           | <b>Course title:</b><br>Winter physic-educational meeting |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> other                      |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                                           |     |     |     |     |  |  |  |  |  |
| per week: per level/semester: 7d                      |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1., 3.                   |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                                           |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 121               |                                                           |     |     |     |     |  |  |  |  |  |
| A                                                     | B                                                         | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                                                       | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Martin Mokošák, PhD.           |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                                           |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                                           |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                 |     |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|---------------------------------|-----|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                 |     |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                 |     |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-044/10           | <b>Course title:</b><br>Yoga 10 |     |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                 |     |     |     |     |  |  |  |  |  |
| Type of activities: practicals                        |                                 |     |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                 |     |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                 |     |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                 |     |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                 |     |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 4.                       |                                 |     |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                 |     |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                 |     |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                 |     |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                 |     |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                 |     |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                 |     |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                 |     |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                 |     |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                 |     |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 35                |                                 |     |     |     |     |  |  |  |  |  |
| A                                                     | B                               | C   | D   | E   | FX  |  |  |  |  |  |
| 100,0                                                 | 0,0                             | 0,0 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Mária Patschová                |                                 |     |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                 |     |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                 |     |     |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                |     |      |     |     |  |  |  |  |  |
|-------------------------------------------------------|--------------------------------|-----|------|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                |     |      |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                |     |      |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-021/10           | <b>Course title:</b><br>Yoga 7 |     |      |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                |     |      |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                |     |      |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                |     |      |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                |     |      |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                |     |      |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                |     |      |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 1.                       |                                |     |      |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                |     |      |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                |     |      |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                |     |      |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                |     |      |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                |     |      |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                |     |      |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                |     |      |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                |     |      |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                |     |      |     |     |  |  |  |  |  |
| Total number of evaluated students: 71                |                                |     |      |     |     |  |  |  |  |  |
| A                                                     | B                              | C   | D    | E   | FX  |  |  |  |  |  |
| 83,1                                                  | 15,49                          | 0,0 | 1,41 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Mária Patschová                |                                |     |      |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                |     |      |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                |     |      |     |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                |     |     |      |     |  |  |  |  |  |
|-------------------------------------------------------|--------------------------------|-----|-----|------|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                |     |     |      |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                |     |     |      |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-022/10           | <b>Course title:</b><br>Yoga 8 |     |     |      |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                |     |     |      |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                |     |     |      |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                |     |     |      |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                |     |     |      |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                |     |     |      |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                |     |     |      |     |  |  |  |  |  |
| <b>Recommended semester:</b> 2.                       |                                |     |     |      |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                |     |     |      |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                |     |     |      |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                |     |     |      |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                |     |     |      |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                |     |     |      |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                |     |     |      |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                |     |     |      |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                |     |     |      |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                |     |     |      |     |  |  |  |  |  |
| Total number of evaluated students: 79                |                                |     |     |      |     |  |  |  |  |  |
| A                                                     | B                              | C   | D   | E    | FX  |  |  |  |  |  |
| 94,94                                                 | 3,8                            | 0,0 | 0,0 | 1,27 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Mária Patschová                |                                |     |     |      |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                |     |     |      |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                |     |     |      |     |  |  |  |  |  |

## COURSE DESCRIPTION

|                                                       |                                |      |     |     |     |  |  |  |  |  |
|-------------------------------------------------------|--------------------------------|------|-----|-----|-----|--|--|--|--|--|
| <b>University:</b> Comenius University in Bratislava  |                                |      |     |     |     |  |  |  |  |  |
| <b>Faculty:</b> Faculty of Natural Sciences           |                                |      |     |     |     |  |  |  |  |  |
| <b>Course ID:</b><br>PriF.KTV/N-mXTV-043/10           | <b>Course title:</b><br>Yoga 9 |      |     |     |     |  |  |  |  |  |
| <b>Educational activities:</b>                        |                                |      |     |     |     |  |  |  |  |  |
| <b>Type of activities:</b> practicals                 |                                |      |     |     |     |  |  |  |  |  |
| <b>Number of hours:</b>                               |                                |      |     |     |     |  |  |  |  |  |
| per week: 2 per level/semester: 28                    |                                |      |     |     |     |  |  |  |  |  |
| <b>Form of the course:</b> on-site learning           |                                |      |     |     |     |  |  |  |  |  |
| <b>Number of credits:</b> 1                           |                                |      |     |     |     |  |  |  |  |  |
| <b>Recommended semester:</b> 3.                       |                                |      |     |     |     |  |  |  |  |  |
| <b>Educational level:</b> II.                         |                                |      |     |     |     |  |  |  |  |  |
| <b>Prerequisites:</b>                                 |                                |      |     |     |     |  |  |  |  |  |
| <b>Course requirements:</b>                           |                                |      |     |     |     |  |  |  |  |  |
| <b>Learning outcomes:</b>                             |                                |      |     |     |     |  |  |  |  |  |
| <b>Class syllabus:</b>                                |                                |      |     |     |     |  |  |  |  |  |
| <b>Recommended literature:</b>                        |                                |      |     |     |     |  |  |  |  |  |
| <b>Languages necessary to complete the course:</b>    |                                |      |     |     |     |  |  |  |  |  |
| <b>Notes:</b>                                         |                                |      |     |     |     |  |  |  |  |  |
| <b>Past grade distribution</b>                        |                                |      |     |     |     |  |  |  |  |  |
| Total number of evaluated students: 64                |                                |      |     |     |     |  |  |  |  |  |
| A                                                     | B                              | C    | D   | E   | FX  |  |  |  |  |  |
| 82,81                                                 | 9,38                           | 7,81 | 0,0 | 0,0 | 0,0 |  |  |  |  |  |
| <b>Lecturers:</b> Mgr. Mária Patschová                |                                |      |     |     |     |  |  |  |  |  |
| <b>Last change:</b>                                   |                                |      |     |     |     |  |  |  |  |  |
| <b>Approved by:</b> prof. RNDr. Vladimír Kellö, DrSc. |                                |      |     |     |     |  |  |  |  |  |