

## Course descriptions

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## 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.KDPP/N-mUXX-108/15                                                                                                                                                       |     | <b>Course title:</b><br>Activating methods and their use in learning |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                      |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                      |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                    |     |                                                                      |     |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                      |     |                                                                      |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                      |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                      |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                      |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                      |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                      |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                      |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                      |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 12                                                                                                                           |     |                                                                      |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                    | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                                  | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                                                                                               |     |                                                                      |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                      |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |     |                                                                      |     |     |     |

## STATE EXAM DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                       |                                                              |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                |                                                              |
| <b>Course ID:</b><br>PriF.KDPP/N-UmCH-952/15                                                                                                               | <b>Course title:</b><br>Chemistry and Didactics of Chemistry |
| <b>Number of credits:</b> 3                                                                                                                                |                                                              |
| <b>Educational level:</b> II.                                                                                                                              |                                                              |
| <b>State exam syllabus:</b>                                                                                                                                |                                                              |
| <b>Last change:</b>                                                                                                                                        |                                                              |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD. |                                                              |

## 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>FMFI.KDMFI/2-UMA-254/19                                                                                                                                                       |     | <b>Course title:</b><br>Constructivism: Theory in Practice, Practice in Theory |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                                |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                                |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |     |                                                                                |     |     |     |
| <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><br>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. Martina Babinská, PhD.                                                                                                                                                      |     |                                                                                |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                                |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |     |                                                                                |     |     |     |

## 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.KDPP/N-mUXX-117/15                                                                                                                                                       |     | <b>Course title:</b><br>Creation of Educational Web Pages |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                           |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                           |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                    |     |                                                           |     |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                      |     |                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 16                                                                                                                           |     |                                                           |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                         | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                       | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PaedDr. Tibor Nagy, PhD.                                                                                                                                                         |     |                                                           |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                           |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |     |                                                           |     |     |     |

## STATE EXAM DESCRIPTION

|                                                                                                                                                            |                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                       |                                                   |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                |                                                   |
| <b>Course ID:</b><br>PriF.KDPP/N-mOBH-100/15                                                                                                               | <b>Course title:</b><br>Defence of Diploma Thesis |
| <b>Number of credits:</b> 14                                                                                                                               |                                                   |
| <b>Educational level:</b> II.                                                                                                                              |                                                   |
| <b>State exam syllabus:</b>                                                                                                                                |                                                   |
| <b>Last change:</b>                                                                                                                                        |                                                   |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD. |                                                   |

## 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.KDPP/N-mUCH-103/15                                                                                                                                                                          |       | <b>Course title:</b><br>Didactics of Chemistry 1 |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |       |                                                  |      |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                           |       |                                                  |      |     |     |
| <b>Recommended semester:</b> 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><br>Total number of evaluated students: 90                                                                                                                                              |       |                                                  |      |     |     |
| A                                                                                                                                                                                                                     | B     | C                                                | D    | E   | FX  |
| 15,56                                                                                                                                                                                                                 | 43,33 | 32,22                                            | 8,89 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Miroslav Prokša, CSc.                                                                                                                                                                   |       |                                                  |      |     |     |
| <b>Last change:</b>                                                                                                                                                                                                   |       |                                                  |      |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                            |       |                                                  |      |     |     |

## 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.KDPP/N-mUCH-104/15                                                                                                                                                                          |       | <b>Course title:</b><br>Didactics of Chemistry 2 |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |       |                                                  |      |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                           |       |                                                  |      |     |     |
| <b>Recommended semester:</b> 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><br>Total number of evaluated students: 87                                                                                                                                              |       |                                                  |      |     |     |
| A                                                                                                                                                                                                                     | B     | C                                                | D    | E   | FX  |
| 47,13                                                                                                                                                                                                                 | 36,78 | 14,94                                            | 1,15 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Miroslav Prokša, CSc.                                                                                                                                                                   |       |                                                  |      |     |     |
| <b>Last change:</b>                                                                                                                                                                                                   |       |                                                  |      |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                            |       |                                                  |      |     |     |

## STATE EXAM DESCRIPTION

|                                                                                                                                                            |                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                       |                                                  |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                |                                                  |
| <b>Course ID:</b><br>FMFL.KDMFI/2-UMA-951/15                                                                                                               | <b>Course title:</b><br>Didactics of Mathematics |
| <b>Number of credits:</b> 3                                                                                                                                |                                                  |
| <b>Educational level:</b> II.                                                                                                                              |                                                  |
| <b>State exam syllabus:</b>                                                                                                                                |                                                  |
| <b>Last change:</b> 28.02.2017                                                                                                                             |                                                  |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD. |                                                  |

## COURSE DESCRIPTION

|                                                                                                                                                                                                   |       |                                                      |      |     |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------|------|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                              |       |                                                      |      |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                       |       |                                                      |      |     |      |
| <b>Course ID:</b><br>FMFL.KAG+KDMFI/2-<br>UMA-105/15                                                                                                                                              |       | <b>Course title:</b><br>Didactics of Mathematics (1) |      |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> course<br><b>Number of hours:</b><br><b>per week:</b> 4 <b>per level/semester:</b> 56<br><b>Form of the course:</b> on-site learning |       |                                                      |      |     |      |
| <b>Number of credits:</b> 4                                                                                                                                                                       |       |                                                      |      |     |      |
| <b>Recommended semester:</b> 2.                                                                                                                                                                   |       |                                                      |      |     |      |
| <b>Educational level:</b> II., N                                                                                                                                                                  |       |                                                      |      |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                             |       |                                                      |      |     |      |
| <b>Course requirements:</b>                                                                                                                                                                       |       |                                                      |      |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                         |       |                                                      |      |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                            |       |                                                      |      |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                    |       |                                                      |      |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |       |                                                      |      |     |      |
| <b>Notes:</b>                                                                                                                                                                                     |       |                                                      |      |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 99                                                                                                                          |       |                                                      |      |     |      |
| A                                                                                                                                                                                                 | B     | C                                                    | D    | E   | FX   |
| 68,69                                                                                                                                                                                             | 18,18 | 8,08                                                 | 4,04 | 0,0 | 1,01 |
| <b>Lecturers:</b> doc. RNDr. Štefan Solčan, CSc., Mgr. Michaela Vargová, PhD.                                                                                                                     |       |                                                      |      |     |      |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |       |                                                      |      |     |      |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                        |       |                                                      |      |     |      |

## 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>FMFL.KAG+KDMFI/2-<br>UMA-106/15                                                                                                                                               |       | <b>Course title:</b><br>Didactics of Mathematics (2) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |       |                                                      |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                      |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                    |       |                                                      |     |     |     |
| <b>Educational level:</b> II., N                                                                                                                                                                   |       |                                                      |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                      |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                      |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                      |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                      |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                      |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                      |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                      |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 77                                                                                                                           |       |                                                      |     |     |     |
| A                                                                                                                                                                                                  | B     | C                                                    | D   | E   | FX  |
| 70,13                                                                                                                                                                                              | 19,48 | 7,79                                                 | 2,6 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Pavol Zlatoš, PhD., Mgr. Michaela Vargová, PhD.                                                                                                                      |       |                                                      |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                     |       |                                                      |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                      |     |     |     |

## 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>FMFL.KMANM/2-<br>UMA-259/15                                                                                                                                                   |     | <b>Course title:</b><br>Didactics of Mathematics in Praxis (1) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |     |                                                                |     |     |     |
| <b>Number of credits:</b> 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><br>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> doc. RNDr. Zbyněk Kubáček, CSc., Mgr. Jana Fraasová, PhD.                                                                                                                        |     |                                                                |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                     |     |                                                                |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |     |                                                                |     |     |     |

## 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>FMFL.KMANM/2-<br>UMA-260/15                                                                                                                                                   |     | <b>Course title:</b><br>Didactics of Mathematics in Praxis (2) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                |     |     |     |
| <b>Recommended semester:</b> 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><br>Total number of evaluated students: 35                                                                                                                           |     |                                                                |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                              | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Zbyněk Kubáček, CSc., Mgr. Jana Fraasová, PhD.                                                                                                                        |     |                                                                |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                     |     |                                                                |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |     |                                                                |     |     |     |

## 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.KDPP/N-mUCH-105/15                                                                                                                                                          |      | <b>Course title:</b><br>Didactics of School Experiments in Chemistry 1 |       |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                                                        |       |      |     |
| <b>Number of credits:</b> 2                                                                                                                                                                           |      |                                                                        |       |      |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                       |      |                                                                        |       |      |     |
| <b>Educational level:</b> II.                                                                                                                                                                         |      |                                                                        |       |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |      |                                                                        |       |      |     |
| <b>Course requirements:</b>                                                                                                                                                                           |      |                                                                        |       |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |      |                                                                        |       |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |      |                                                                        |       |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |      |                                                                        |       |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |      |                                                                        |       |      |     |
| <b>Notes:</b>                                                                                                                                                                                         |      |                                                                        |       |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 89                                                                                                                              |      |                                                                        |       |      |     |
| A                                                                                                                                                                                                     | B    | C                                                                      | D     | E    | FX  |
| 14,61                                                                                                                                                                                                 | 42,7 | 25,84                                                                  | 15,73 | 1,12 | 0,0 |
| <b>Lecturers:</b> PaedDr. Anna Drozdíková, PhD.                                                                                                                                                       |      |                                                                        |       |      |     |
| <b>Last change:</b> 15.10.2018                                                                                                                                                                        |      |                                                                        |       |      |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                            |      |                                                                        |       |      |     |

## 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.KDPP/N-mUCH-106/15                                                                                                                                                          |       | <b>Course title:</b><br>Didactics of School Experiments in Chemistry 2 |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                        |      |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                           |       |                                                                        |      |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                       |       |                                                                        |      |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                         |       |                                                                        |      |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |       |                                                                        |      |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |       |                                                                        |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |       |                                                                        |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |       |                                                                        |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |       |                                                                        |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |       |                                                                        |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |       |                                                                        |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 87                                                                                                                              |       |                                                                        |      |     |     |
| A                                                                                                                                                                                                     | B     | C                                                                      | D    | E   | FX  |
| 26,44                                                                                                                                                                                                 | 39,08 | 26,44                                                                  | 8,05 | 0,0 | 0,0 |
| <b>Lecturers:</b> PaedDr. Anna Drozdíková, PhD.                                                                                                                                                       |       |                                                                        |      |     |     |
| <b>Last change:</b> 15.10.2018                                                                                                                                                                        |       |                                                                        |      |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                            |       |                                                                        |      |     |     |

## 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>FMFI.KDMFI/2-UMA-151/15                                                                                                                                                       |       | <b>Course title:</b><br>Didactics of Teaching Mathematics in Digital Environment |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                                  |      |      |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                                                  |      |      |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                    |       |                                                                                  |      |      |     |
| <b>Educational level:</b> II.                                                                                                                                                                      |       |                                                                                  |      |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                                                  |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                                                  |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                                                  |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                                                  |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                                                  |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                                                  |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                                                  |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 61                                                                                                                           |       |                                                                                  |      |      |     |
| A                                                                                                                                                                                                  | B     | C                                                                                | D    | E    | FX  |
| 59,02                                                                                                                                                                                              | 14,75 | 14,75                                                                            | 4,92 | 6,56 | 0,0 |
| <b>Lecturers:</b> RNDr. Monika Dillingerová, PhD.                                                                                                                                                  |       |                                                                                  |      |      |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                     |       |                                                                                  |      |      |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                                                  |      |      |     |

## 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.KDPP/N-mUCH-107/15                                                                                                                                                       |     | <b>Course title:</b><br>Digital technologies in Chemistry education |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                     |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                     |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                    |     |                                                                     |     |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                      |     |                                                                     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 90                                                                                                                           |     |                                                                     |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                   | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Beáta Brestenská, CSc., PaedDr. Tibor Nagy, PhD.                                                                                                                      |     |                                                                     |     |     |     |
| <b>Last change:</b> 15.10.2018                                                                                                                                                                     |     |                                                                     |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |     |                                                                     |     |     |     |

## 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>FMFI.KDMFI/2-UXX-937/10                                                                                                                                                       |       | <b>Course title:</b><br>Diploma Thesis in Mathematics Seminar |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                               |      |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                               |      |      |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                    |       |                                                               |      |      |      |
| <b>Educational level:</b> II.                                                                                                                                                                      |       |                                                               |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                               |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                               |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                               |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                               |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                               |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                               |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                               |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 55                                                                                                                           |       |                                                               |      |      |      |
| A                                                                                                                                                                                                  | B     | C                                                             | D    | E    | FX   |
| 56,36                                                                                                                                                                                              | 18,18 | 14,55                                                         | 5,45 | 3,64 | 1,82 |
| <b>Lecturers:</b> RNDr. Monika Dillingerová, PhD., PaedDr. Peter Vankúš, PhD.                                                                                                                      |       |                                                               |      |      |      |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                     |       |                                                               |      |      |      |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                               |      |      |      |

## 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.KAgCh/N-mUCH-052/15                                                                                                                                                                         |       | <b>Course title:</b><br>Distinguished Section of the Inorganic Chemistry |       |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28<br><b>Form of the course:</b> on-site learning |       |                                                                          |       |      |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                           |       |                                                                          |       |      |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                       |       |                                                                          |       |      |     |
| <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><br>Total number of evaluated students: 86                                                                                                                                              |       |                                                                          |       |      |     |
| A                                                                                                                                                                                                                     | B     | C                                                                        | D     | E    | FX  |
| 24,42                                                                                                                                                                                                                 | 23,26 | 30,23                                                                    | 15,12 | 6,98 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Milan Drábik, CSc., RNDr. Jana Chrappová, PhD., doc. RNDr. Jozef Tatiersky, PhD.                                                                                                         |       |                                                                          |       |      |     |
| <b>Last change:</b>                                                                                                                                                                                                   |       |                                                                          |       |      |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                            |       |                                                                          |       |      |     |

## 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.KDPP/N-mUXX-106/15                                                                                                                                                       |      | <b>Course title:</b><br>Education to Marriage and Parenthood |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                                              |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                                              |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |      |                                                              |     |     |     |
| <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><br>Total number of evaluated students: 97                                                                                                                           |      |                                                              |     |     |     |
| A                                                                                                                                                                                                  | B    | C                                                            | D   | E   | FX  |
| 98,97                                                                                                                                                                                              | 1,03 | 0,0                                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Soňa Nagyová, PhD.                                                                                                                                                         |      |                                                              |     |     |     |
| <b>Last change:</b> 10.01.2020                                                                                                                                                                     |      |                                                              |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |      |                                                              |     |     |     |

## 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>FMFI.KAG/2-UMA-207/15                                                                                                                                                        |       | <b>Course title:</b><br>Elementary Theory of Quadratic Figures |       |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> course<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |       |                                                                |       |       |      |
| <b>Number of credits:</b> 4                                                                                                                                                                       |       |                                                                |       |       |      |
| <b>Recommended semester:</b> 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><br>Total number of evaluated students: 95                                                                                                                          |       |                                                                |       |       |      |
| A                                                                                                                                                                                                 | B     | C                                                              | D     | E     | FX   |
| 17,89                                                                                                                                                                                             | 18,95 | 27,37                                                          | 14,74 | 12,63 | 8,42 |
| <b>Lecturers:</b> RNDr. Barbora Pokorná, PhD., RNDr. Martina Bátorová, PhD.                                                                                                                       |       |                                                                |       |       |      |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |       |                                                                |       |       |      |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                        |       |                                                                |       |       |      |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |       |                                                                  |      |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                                  |      |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-062/10                                                                                                                                                         |       | <b>Course title:</b><br>English Preparatory Course for UNICert 1 |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                  |      |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                                                  |      |     |     |
| <b>Recommended semester:</b> 1., 3.                                                                                                                                                                |       |                                                                  |      |     |     |
| <b>Educational level:</b> I., II.                                                                                                                                                                  |       |                                                                  |      |     |     |
| <b>Prerequisites:</b> PriF.KJ/N-bXCJ-118/18 - English language 3 - preparation course for UNICert and<br>PriF.KJ/N-bXCJ-119/18 - English language 4 - preparation course for UNICert               |       |                                                                  |      |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                                  |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                                  |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                                  |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                                  |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                                  |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                                  |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 233                                                                                                                          |       |                                                                  |      |     |     |
| A                                                                                                                                                                                                  | B     | C                                                                | D    | E   | FX  |
| 63,09                                                                                                                                                                                              | 29,18 | 6,87                                                             | 0,86 | 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> 10.01.2020                                                                                                                                                                     |       |                                                                  |      |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                                  |      |     |     |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |       |                                                                  |      |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                                  |      |      |     |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-063/10                                                                                                                                                         |       | <b>Course title:</b><br>English Preparatory Course for UNICert 2 |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                  |      |      |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                                                  |      |      |     |
| <b>Recommended semester:</b> 2., 4.                                                                                                                                                                |       |                                                                  |      |      |     |
| <b>Educational level:</b> I., II.                                                                                                                                                                  |       |                                                                  |      |      |     |
| <b>Prerequisites:</b> PriF.KJ/N-mXCJ-062/10 - English Preparatory Course for UNICert 1                                                                                                             |       |                                                                  |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                                  |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                                  |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                                  |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                                  |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                                  |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                                  |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 218                                                                                                                          |       |                                                                  |      |      |     |
| A                                                                                                                                                                                                  | B     | C                                                                | D    | E    | FX  |
| 79,36                                                                                                                                                                                              | 14,68 | 4,59                                                             | 0,92 | 0,46 | 0,0 |
| <b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková                                                               |       |                                                                  |      |      |     |
| <b>Last change:</b> 10.01.2020                                                                                                                                                                     |       |                                                                  |      |      |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                                  |      |      |     |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------|------|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |      |                                   |      |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |      |                                   |      |     |      |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-060/10                                                                                                                                                            |      | <b>Course title:</b><br>English 1 |      |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><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> I., II.                                                                                                                                                                     |      |                                   |      |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                 |      |                                   |      |     |      |
| <b>Course requirements:</b>                                                                                                                                                                           |      |                                   |      |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                             |      |                                   |      |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                |      |                                   |      |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                        |      |                                   |      |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |      |                                   |      |     |      |
| <b>Notes:</b>                                                                                                                                                                                         |      |                                   |      |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 327                                                                                                                             |      |                                   |      |     |      |
| A                                                                                                                                                                                                     | B    | C                                 | D    | E   | FX   |
| 71,87                                                                                                                                                                                                 | 15,9 | 7,65                              | 1,22 | 0,0 | 3,36 |
| <b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková, PhDr. Oľga Pažitková, CSc.                                      |      |                                   |      |     |      |
| <b>Last change:</b> 08.01.2020                                                                                                                                                                        |      |                                   |      |     |      |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                            |      |                                   |      |     |      |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                           |       |                                   |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                    |       |                                   |     |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-061/10                                                                                                                                                     |       | <b>Course title:</b><br>English 2 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week: 2 per level/semester: 28</b><br><b>Form of the course:</b> on-site learning |       |                                   |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                    |       |                                   |     |     |     |
| <b>Recommended semester:</b> 2., 4.                                                                                                                                                            |       |                                   |     |     |     |
| <b>Educational level:</b> I., II.                                                                                                                                                              |       |                                   |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                          |       |                                   |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                    |       |                                   |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                      |       |                                   |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                         |       |                                   |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                 |       |                                   |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                             |       |                                   |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                  |       |                                   |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 273                                                                                                                      |       |                                   |     |     |     |
| A                                                                                                                                                                                              | B     | C                                 | D   | E   | FX  |
| 75,46                                                                                                                                                                                          | 19,05 | 3,3                               | 1,1 | 0,0 | 1,1 |
| <b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková, PhDr. Oľga Pažitková, CSc.                               |       |                                   |     |     |     |
| <b>Last change:</b> 08.01.2020                                                                                                                                                                 |       |                                   |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                     |       |                                   |     |     |     |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |       |                                                                             |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |       |                                                                             |     |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-070/18                                                                                                                                                            |       | <b>Course title:</b><br>English language 1 - preparation course for UNiCert |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                             |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                           |       |                                                                             |     |     |     |
| <b>Recommended semester:</b> 1., 3.                                                                                                                                                                   |       |                                                                             |     |     |     |
| <b>Educational level:</b> I., II.                                                                                                                                                                     |       |                                                                             |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |       |                                                                             |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |       |                                                                             |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |       |                                                                             |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |       |                                                                             |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |       |                                                                             |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |       |                                                                             |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |       |                                                                             |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 29                                                                                                                              |       |                                                                             |     |     |     |
| A                                                                                                                                                                                                     | B     | C                                                                           | D   | E   | FX  |
| 62,07                                                                                                                                                                                                 | 34,48 | 3,45                                                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Michael Jerry Sabo, Mgr. Barbara Kordíková                                                                                                                                          |       |                                                                             |     |     |     |
| <b>Last change:</b> 10.01.2020                                                                                                                                                                        |       |                                                                             |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                            |       |                                                                             |     |     |     |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |       |                                                                             |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |       |                                                                             |     |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-071/18                                                                                                                                                            |       | <b>Course title:</b><br>English language 2 - preparation course for UNiCert |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                             |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                           |       |                                                                             |     |     |     |
| <b>Recommended semester:</b> 2., 4.                                                                                                                                                                   |       |                                                                             |     |     |     |
| <b>Educational level:</b> I., II.                                                                                                                                                                     |       |                                                                             |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |       |                                                                             |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |       |                                                                             |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |       |                                                                             |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |       |                                                                             |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |       |                                                                             |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |       |                                                                             |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |       |                                                                             |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 28                                                                                                                              |       |                                                                             |     |     |     |
| A                                                                                                                                                                                                     | B     | C                                                                           | D   | E   | FX  |
| 85,71                                                                                                                                                                                                 | 10,71 | 3,57                                                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Michael Jerry Sabo, Mgr. Barbara Kordíková                                                                                                                                          |       |                                                                             |     |     |     |
| <b>Last change:</b> 10.01.2020                                                                                                                                                                        |       |                                                                             |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                            |       |                                                                             |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                 |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                 |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                 |     |     |     |
| <b>Course ID:</b><br>PriF.KOrCh/N-mUCH-098/16                                                                                                                                                      |     | <b>Course title:</b><br>Everyday Life Chemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                 |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                 |     |     |     |
| <b>Recommended semester:</b> 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><br>Total number of evaluated students: 26                                                                                                                           |     |                                                 |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                               | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                             | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Andrea Martinická, PhD., doc. Ing. Mária Mečiarová, PhD.                                                                                                                    |     |                                                 |     |     |     |
| <b>Last change:</b> 27.11.2019                                                                                                                                                                     |     |                                                 |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |     |                                                 |     |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |       |                                                                 |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                                 |     |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-068/10                                                                                                                                                         |       | <b>Course title:</b><br>German Preparatory Course for UNICert 1 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                 |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                                                 |     |     |     |
| <b>Recommended semester:</b> 1., 3.                                                                                                                                                                |       |                                                                 |     |     |     |
| <b>Educational level:</b> I., II.                                                                                                                                                                  |       |                                                                 |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                                 |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                                 |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                                 |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                                 |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                                 |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                                 |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                                 |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 27                                                                                                                           |       |                                                                 |     |     |     |
| A                                                                                                                                                                                                  | B     | C                                                               | D   | E   | FX  |
| 44,44                                                                                                                                                                                              | 33,33 | 14,81                                                           | 3,7 | 0,0 | 3,7 |
| <b>Lecturers:</b> Mgr. Stella Rizmanová, Mgr. Karin Rózsová Wolfová                                                                                                                                |       |                                                                 |     |     |     |
| <b>Last change:</b> 15.01.2020                                                                                                                                                                     |       |                                                                 |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                                 |     |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |       |                                                                 |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                                 |     |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-069/10                                                                                                                                                         |       | <b>Course title:</b><br>German Preparatory Course for UNICert 2 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                 |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                                                 |     |     |     |
| <b>Recommended semester:</b> 2., 4.                                                                                                                                                                |       |                                                                 |     |     |     |
| <b>Educational level:</b> I., II.                                                                                                                                                                  |       |                                                                 |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                                 |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                                 |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                                 |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                                 |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                                 |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                                 |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                                 |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 17                                                                                                                           |       |                                                                 |     |     |     |
| A                                                                                                                                                                                                  | B     | C                                                               | D   | E   | FX  |
| 76,47                                                                                                                                                                                              | 17,65 | 5,88                                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Stella Rizmanová, Mgr. Karin Rózsová Wolfová                                                                                                                                |       |                                                                 |     |     |     |
| <b>Last change:</b> 14.01.2020                                                                                                                                                                     |       |                                                                 |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                                 |     |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------|------|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |      |                                  |      |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                  |      |     |      |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-064/10                                                                                                                                                         |      | <b>Course title:</b><br>German 1 |      |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                  |      |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                  |      |     |      |
| <b>Recommended semester:</b> 1., 3.                                                                                                                                                                |      |                                  |      |     |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                  |      |                                  |      |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                  |      |     |      |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                  |      |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                  |      |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                  |      |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                  |      |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                  |      |     |      |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                  |      |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 64                                                                                                                           |      |                                  |      |     |      |
| A                                                                                                                                                                                                  | B    | C                                | D    | E   | FX   |
| 85,94                                                                                                                                                                                              | 3,13 | 1,56                             | 3,13 | 0,0 | 6,25 |
| <b>Lecturers:</b> Mgr. Stella Rizmanová, Mgr. Karin Rózsová Wolfová                                                                                                                                |      |                                  |      |     |      |
| <b>Last change:</b> 16.01.2020                                                                                                                                                                     |      |                                  |      |     |      |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |      |                                  |      |     |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------|------|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |      |                                  |      |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                  |      |     |      |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-065/10                                                                                                                                                         |      | <b>Course title:</b><br>German 2 |      |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                  |      |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                  |      |     |      |
| <b>Recommended semester:</b> 2., 4.                                                                                                                                                                |      |                                  |      |     |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                  |      |                                  |      |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                  |      |     |      |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                  |      |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                  |      |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                  |      |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                  |      |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                  |      |     |      |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                  |      |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 54                                                                                                                           |      |                                  |      |     |      |
| A                                                                                                                                                                                                  | B    | C                                | D    | E   | FX   |
| 87,04                                                                                                                                                                                              | 7,41 | 1,85                             | 1,85 | 0,0 | 1,85 |
| <b>Lecturers:</b> Mgr. Stella Rizmanová, Mgr. Karin Rózsová Wolfová                                                                                                                                |      |                                  |      |     |      |
| <b>Last change:</b> 21.01.2020                                                                                                                                                                     |      |                                  |      |     |      |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |      |                                  |      |     |      |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |       |                                                                        |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |       |                                                                        |     |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-072/18                                                                                                                                                            |       | <b>Course title:</b><br>German language 1 – UNiCert preparatory course |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                        |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                           |       |                                                                        |     |     |     |
| <b>Recommended semester:</b> 1., 3.                                                                                                                                                                   |       |                                                                        |     |     |     |
| <b>Educational level:</b> I., II.                                                                                                                                                                     |       |                                                                        |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |       |                                                                        |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |       |                                                                        |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |       |                                                                        |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |       |                                                                        |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |       |                                                                        |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |       |                                                                        |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |       |                                                                        |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                               |       |                                                                        |     |     |     |
| A                                                                                                                                                                                                     | B     | C                                                                      | D   | E   | FX  |
| 0,0                                                                                                                                                                                                   | 100,0 | 0,0                                                                    | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Stella Rizmanová, Mgr. Karin Rózsová Wolfová                                                                                                                                   |       |                                                                        |     |     |     |
| <b>Last change:</b> 15.01.2020                                                                                                                                                                        |       |                                                                        |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                            |       |                                                                        |     |     |     |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |     |                                                                        |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |     |                                                                        |     |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-mXCJ-073/18                                                                                                                                                            |     | <b>Course title:</b><br>German language 2 – UNiCert preparatory course |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                        |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                           |     |                                                                        |     |     |     |
| <b>Recommended semester:</b> 2., 4.                                                                                                                                                                   |     |                                                                        |     |     |     |
| <b>Educational level:</b> I., II.                                                                                                                                                                     |     |                                                                        |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |     |                                                                        |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |     |                                                                        |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |     |                                                                        |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |     |                                                                        |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |     |                                                                        |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |     |                                                                        |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |     |                                                                        |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                               |     |                                                                        |     |     |     |
| A                                                                                                                                                                                                     | B   | C                                                                      | D   | E   | FX  |
| 100,0                                                                                                                                                                                                 | 0,0 | 0,0                                                                    | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Stella Rizmanová, Mgr. Karin Rózsová Wolfová                                                                                                                                   |     |                                                                        |     |     |     |
| <b>Last change:</b> 15.01.2020                                                                                                                                                                        |     |                                                                        |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                            |     |                                                                        |     |     |     |

## 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.KOrCh/N-mUCH-101/15                                                                                                                                                      |       | <b>Course title:</b><br>Green Chemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                         |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                         |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                    |       |                                         |     |     |     |
| <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><br>Total number of evaluated students: 28                                                                                                                           |       |                                         |     |     |     |
| A                                                                                                                                                                                                  | B     | C                                       | D   | E   | FX  |
| 57,14                                                                                                                                                                                              | 14,29 | 28,57                                   | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Ing. Mária Mečiarová, PhD.                                                                                                                                                  |       |                                         |     |     |     |
| <b>Last change:</b> 16.11.2017                                                                                                                                                                     |       |                                         |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                         |     |     |     |

## 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/N-mXXX-003/19                                                                                                                                                                                  |     | <b>Course title:</b><br>Green University 1 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |     |                                            |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                              |     |                                            |     |     |     |
| <b>Recommended semester:</b> 1., 2., 3., 4..                                                                                                                                                                             |     |                                            |     |     |     |
| <b>Educational level:</b> I., II.                                                                                                                                                                                        |     |                                            |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                            |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                            |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                            |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                            |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                            |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                            |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                            |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 24                                                                                                                                                 |     |                                            |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                          | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                    | 0,0 | 0,0                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., Mgr. Martin Šebesta, PhD.,<br>RNDr. Hubert Žarnovičan, PhD.                                                                                  |     |                                            |     |     |     |
| <b>Last change:</b> 11.02.2020                                                                                                                                                                                           |     |                                            |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr.<br>Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                            |     |                                            |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                            |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                            |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                            |     |     |     |
| <b>Course ID:</b><br>PriF/N-mXXX-004/19                                                                                                                                                                                  |     | <b>Course title:</b><br>Green University 2 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |     |                                            |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                              |     |                                            |     |     |     |
| <b>Recommended semester:</b> 1., 2., 3., 4..                                                                                                                                                                             |     |                                            |     |     |     |
| <b>Educational level:</b> I., II.                                                                                                                                                                                        |     |                                            |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                            |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                            |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                            |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                            |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                            |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                            |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                            |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                  |     |                                            |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                          | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                      | 0,0 | 0,0                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., Mgr. Martin Šebesta, PhD.,<br>RNDr. Hubert Žarnovičan, PhD.                                                                                  |     |                                            |     |     |     |
| <b>Last change:</b> 11.02.2020                                                                                                                                                                                           |     |                                            |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr.<br>Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                            |     |                                            |     |     |     |

## 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.KOrCh/N-mUCH-099/16                                                                                                                                                      |       | <b>Course title:</b><br>Industrial Chemistry for Teachers |       |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                           |       |      |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                           |       |      |     |
| <b>Recommended semester:</b> 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><br>Total number of evaluated students: 70                                                                                                                           |       |                                                           |       |      |     |
| A                                                                                                                                                                                                  | B     | C                                                         | D     | E    | FX  |
| 27,14                                                                                                                                                                                              | 27,14 | 32,86                                                     | 11,43 | 1,43 | 0,0 |
| <b>Lecturers:</b> Ing. Eva Veverková, CSc., prof. Ing. Karol Jesenák, PhD.                                                                                                                         |       |                                                           |       |      |     |
| <b>Last change:</b> 27.11.2019                                                                                                                                                                     |       |                                                           |       |      |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                           |       |      |     |

## 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>FMFL.KAG+KDMFI/2-<br>UMA-104/15                                                                                                                                               |      | <b>Course title:</b><br>Introduction to Didactics of Mathematics |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |      |                                                                  |      |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |      |                                                                  |      |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                    |      |                                                                  |      |     |     |
| <b>Educational level:</b> II., N                                                                                                                                                                   |      |                                                                  |      |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                                  |      |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                                  |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                                  |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                                  |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                                  |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                                  |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                                  |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 104                                                                                                                          |      |                                                                  |      |     |     |
| A                                                                                                                                                                                                  | B    | C                                                                | D    | E   | FX  |
| 91,35                                                                                                                                                                                              | 6,73 | 0,96                                                             | 0,96 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Pavol Zlatoš, PhD., PaedDr. Mária Slavíčková, PhD.                                                                                                                   |      |                                                                  |      |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                     |      |                                                                  |      |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |      |                                                                  |      |     |     |

## 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>FMFI.KAG+KI/2-<br>UMA-164/15                                                                                                                                                 |      | <b>Course title:</b><br>Introduction to Graph Theory |     |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> course<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |      |                                                      |     |      |     |
| <b>Number of credits:</b> 3                                                                                                                                                                       |      |                                                      |     |      |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                   |      |                                                      |     |      |     |
| <b>Educational level:</b> II.                                                                                                                                                                     |      |                                                      |     |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                             |      |                                                      |     |      |     |
| <b>Antirequisites:</b> FMFI.KAGDM/1-UMA-311/00                                                                                                                                                    |      |                                                      |     |      |     |
| <b>Course requirements:</b>                                                                                                                                                                       |      |                                                      |     |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                         |      |                                                      |     |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                            |      |                                                      |     |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                    |      |                                                      |     |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |      |                                                      |     |      |     |
| <b>Notes:</b>                                                                                                                                                                                     |      |                                                      |     |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 68                                                                                                                          |      |                                                      |     |      |     |
| A                                                                                                                                                                                                 | B    | C                                                    | D   | E    | FX  |
| 92,65                                                                                                                                                                                             | 5,88 | 0,0                                                  | 0,0 | 1,47 | 0,0 |
| <b>Lecturers:</b> RNDr. Jana Tomanová, CSc.                                                                                                                                                       |      |                                                      |     |      |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |      |                                                      |     |      |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                        |      |                                                      |     |      |     |

## 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.KDPP/N-mUXX-122/19                                                                                                                                                                          |       | <b>Course title:</b><br>Kreatívny digitálny obsah pre prírodovedné predmety |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28<br><b>Form of the course:</b> on-site learning |       |                                                                             |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                           |       |                                                                             |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                       |       |                                                                             |     |     |     |
| <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><br>Total number of evaluated students: 6                                                                                                                                               |       |                                                                             |     |     |     |
| A                                                                                                                                                                                                                     | B     | C                                                                           | D   | E   | FX  |
| 83,33                                                                                                                                                                                                                 | 16,67 | 0,0                                                                         | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Beáta Brestenská, CSc.                                                                                                                                                                   |       |                                                                             |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                   |       |                                                                             |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                            |       |                                                                             |     |     |     |

## STATE EXAM DESCRIPTION

|                                                                                                                                                            |                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                       |                                                        |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                |                                                        |
| <b>Course ID:</b><br>FiF.KAA/A-muAN-595/15                                                                                                                 | <b>Course title:</b><br>Master's Degree Thesis Defence |
| <b>Number of credits:</b> 14                                                                                                                               |                                                        |
| <b>Educational level:</b> II.                                                                                                                              |                                                        |
| <b>State exam syllabus:</b>                                                                                                                                |                                                        |
| <b>Last change:</b>                                                                                                                                        |                                                        |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD. |                                                        |

## STATE EXAM DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                       |                                                        |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                |                                                        |
| <b>Course ID:</b><br>FiF.KGNŠ/A-muNE-595/15                                                                                                                | <b>Course title:</b><br>Master's Degree Thesis Defence |
| <b>Number of credits:</b> 14                                                                                                                               |                                                        |
| <b>Educational level:</b> II.                                                                                                                              |                                                        |
| <b>State exam syllabus:</b>                                                                                                                                |                                                        |
| <b>Last change:</b>                                                                                                                                        |                                                        |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD. |                                                        |

## STATE EXAM DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava                                                                                                       |                                                 |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                |                                                 |
| <b>Course ID:</b><br>PdF.KPg/M-VUZšt009/15                                                                                                                 | <b>Course title:</b><br>Master`s thesis defence |
| <b>Number of credits:</b> 14                                                                                                                               |                                                 |
| <b>Educational level:</b> II.                                                                                                                              |                                                 |
| <b>State exam syllabus:</b>                                                                                                                                |                                                 |
| <b>Last change:</b> 03.09.2016                                                                                                                             |                                                 |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD. |                                                 |

## 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>FMFI.KDMFI/2-UMA-218/11                                                                                                                                                       |     | <b>Course title:</b><br>Mathematical Background of Music |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                          |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                          |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                    |     |                                                          |     |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                      |     |                                                          |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                          |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                          |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                          |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                          |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                          |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                          |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                          |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 13                                                                                                                           |     |                                                          |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                        | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                      | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PaedDr. Mária Slavíčková, PhD.                                                                                                                                                   |     |                                                          |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                          |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |     |                                                          |     |     |     |

## 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>FMFI.KDMFI/2-UMA-231/10                                                                                                                                                       |     | <b>Course title:</b><br>Mathematical Competitions and Seminars |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                |     |     |     |
| <b>Recommended semester:</b> 1., 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><br>Total number of evaluated students: 61                                                                                                                           |     |                                                                |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                              | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PaedDr. Peter Vankúš, PhD.                                                                                                                                                       |     |                                                                |     |     |     |
| <b>Last change:</b> 24.04.2017                                                                                                                                                                     |     |                                                                |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |     |                                                                |     |     |     |

## 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.KDPP/N-mUCH-109/15                                                                                                                                                       |     | <b>Course title:</b><br>Means of Motivation in Teaching Chemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                   |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                   |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |     |                                                                   |     |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                      |     |                                                                   |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                   |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                   |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                   |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                   |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                   |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                   |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                   |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 51                                                                                                                           |     |                                                                   |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                 | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Miroslav Prokša, CSc.                                                                                                                                                |     |                                                                   |     |     |     |
| <b>Last change:</b> 15.10.2018                                                                                                                                                                     |     |                                                                   |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |     |                                                                   |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                    |     |      |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------|-----|------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                    |     |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                    |     |      |     |
| <b>Course ID:</b><br>FMFL.KAG+KDMFI/2-<br>UMA-257/15                                                                                                                                               |     | <b>Course title:</b><br>Methods for Solving Mathematical Tasks (1) |     |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                    |     |      |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                    |     |      |     |
| <b>Recommended semester:</b> 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><br>Total number of evaluated students: 87                                                                                                                           |     |                                                                    |     |      |     |
| A                                                                                                                                                                                                  | B   | C                                                                  | D   | E    | FX  |
| 85,06                                                                                                                                                                                              | 6,9 | 2,3                                                                | 0,0 | 1,15 | 4,6 |
| <b>Lecturers:</b> doc. RNDr. Juraj Činčura, CSc., PaedDr. Mária Slavíčková, PhD., Mgr. Martina Babinská, PhD.                                                                                      |     |                                                                    |     |      |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                     |     |                                                                    |     |      |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |     |                                                                    |     |      |     |

## 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>FMFL.KAG+KDMFI/2-<br>UMA-258/15                                                                                                                                               |      | <b>Course title:</b><br>Methods for Solving Mathematical Tasks (2) |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |      |                                                                    |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                                                    |     |     |      |
| <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><br>Total number of evaluated students: 59                                                                                                                           |      |                                                                    |     |     |      |
| A                                                                                                                                                                                                  | B    | C                                                                  | D   | E   | FX   |
| 91,53                                                                                                                                                                                              | 3,39 | 1,69                                                               | 0,0 | 0,0 | 3,39 |
| <b>Lecturers:</b> doc. RNDr. Štefan Solčan, CSc., RNDr. Monika Dillingerová, PhD.                                                                                                                  |      |                                                                    |     |     |      |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                     |      |                                                                    |     |     |      |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |      |                                                                    |     |     |      |

## 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.KDPP/N-mUXX-100/15                                                                                                                                                       |       | <b>Course title:</b><br>Methods of Pedagogic Research |       |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                       |       |      |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                       |       |      |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                    |       |                                                       |       |      |     |
| <b>Educational level:</b> II.                                                                                                                                                                      |       |                                                       |       |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                       |       |      |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                       |       |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                       |       |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                       |       |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                       |       |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                       |       |      |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                       |       |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 175                                                                                                                          |       |                                                       |       |      |     |
| A                                                                                                                                                                                                  | B     | C                                                     | D     | E    | FX  |
| 17,71                                                                                                                                                                                              | 23,43 | 33,71                                                 | 19,43 | 5,71 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Miroslav Prokša, CSc.                                                                                                                                                |       |                                                       |       |      |     |
| <b>Last change:</b>                                                                                                                                                                                |       |                                                       |       |      |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                       |       |      |     |

## 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.KDPP/N-mUXX-109/15                                                                                                                                                          |     | <b>Course title:</b><br>Mobile science learning 1 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                   |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                           |     |                                                   |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                       |     |                                                   |     |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                         |     |                                                   |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |     |                                                   |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |     |                                                   |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |     |                                                   |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |     |                                                   |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |     |                                                   |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |     |                                                   |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |     |                                                   |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 5                                                                                                                               |     |                                                   |     |     |     |
| A                                                                                                                                                                                                     | B   | C                                                 | D   | E   | FX  |
| 100,0                                                                                                                                                                                                 | 0,0 | 0,0                                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                                                                                                  |     |                                                   |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                   |     |                                                   |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                            |     |                                                   |     |     |     |

## 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.KDPP/N-mUXX-110/15                                                                                                                                                          |     | <b>Course title:</b><br>Mobile science learning 2 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                   |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                           |     |                                                   |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                       |     |                                                   |     |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                         |     |                                                   |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |     |                                                   |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |     |                                                   |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |     |                                                   |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |     |                                                   |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |     |                                                   |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |     |                                                   |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |     |                                                   |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 6                                                                                                                               |     |                                                   |     |     |     |
| A                                                                                                                                                                                                     | B   | C                                                 | D   | E   | FX  |
| 100,0                                                                                                                                                                                                 | 0,0 | 0,0                                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.                                                                                                                  |     |                                                   |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                   |     |                                                   |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                            |     |                                                   |     |     |     |

## 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>FMFI.KDMFI/2-UMA-114/15                                                                                                                                                       |     | <b>Course title:</b><br>New Pedagogical Approaches in Teaching Not Only Mathematics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |     |                                                                                     |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                                     |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                    |     |                                                                                     |     |     |     |
| <b>Educational level:</b> II., N                                                                                                                                                                   |     |                                                                                     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                                     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                                     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                                     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                                     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                                     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                                     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                                     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 19                                                                                                                           |     |                                                                                     |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                                   | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Monika Dillingerová, PhD.                                                                                                                                                  |     |                                                                                     |     |     |     |
| <b>Last change:</b> 22.05.2019                                                                                                                                                                     |     |                                                                                     |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |     |                                                                                     |     |     |     |

## 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>FMFI.KAG/2-UMA-162/15                                                                                                                                                        |      | <b>Course title:</b><br>Non-Euclidean Geometry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> course<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |      |                                                |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                       |      |                                                |     |     |     |
| <b>Recommended semester:</b> 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><br>Total number of evaluated students: 26                                                                                                                          |      |                                                |     |     |     |
| A                                                                                                                                                                                                 | B    | C                                              | D   | E   | FX  |
| 80,77                                                                                                                                                                                             | 7,69 | 11,54                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Tomáš Rusin, PhD.                                                                                                                                                          |      |                                                |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |      |                                                |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                        |      |                                                |     |     |     |

## 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>FMFI-PriF.KDPP/2-<br>UXX-121/15                                                                                                                                        |       | <b>Course title:</b><br>Pedagogic Diagnostics |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week: 2 per level/semester: 28</b><br><b>Form of the course:</b> on-site learning |       |                                               |      |      |     |
| <b>Number of credits:</b> 2                                                                                                                                                                 |       |                                               |      |      |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                             |       |                                               |      |      |     |
| <b>Educational level:</b> II.                                                                                                                                                               |       |                                               |      |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                       |       |                                               |      |      |     |
| <b>Antirequisites:</b> FMFI-PriF.KDPP/2-UXX-121/10                                                                                                                                          |       |                                               |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                 |       |                                               |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                   |       |                                               |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                      |       |                                               |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                              |       |                                               |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                          |       |                                               |      |      |     |
| <b>Notes:</b>                                                                                                                                                                               |       |                                               |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 287                                                                                                                   |       |                                               |      |      |     |
| A                                                                                                                                                                                           | B     | C                                             | D    | E    | FX  |
| 48,08                                                                                                                                                                                       | 28,22 | 18,12                                         | 3,83 | 1,05 | 0,7 |
| <b>Lecturers:</b> Peter Ikhardt, PhD.                                                                                                                                                       |       |                                               |      |      |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                              |       |                                               |      |      |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                  |       |                                               |      |      |     |

## 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.KDPP/N-mUXX-121/15                                                                                                                                                       |       | <b>Course title:</b><br>Philosophical Antropology and Axiology |      |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                |      |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                                |      |     |      |
| <b>Recommended semester:</b> 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><br>Total number of evaluated students: 152                                                                                                                          |       |                                                                |      |     |      |
| A                                                                                                                                                                                                  | B     | C                                                              | D    | E   | FX   |
| 58,55                                                                                                                                                                                              | 23,68 | 14,47                                                          | 1,32 | 0,0 | 1,97 |
| <b>Lecturers:</b> Mgr. Štefan Zolcer, PhD.                                                                                                                                                         |       |                                                                |      |     |      |
| <b>Last change:</b>                                                                                                                                                                                |       |                                                                |      |     |      |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                                |      |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                    |      |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------|------|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |       |                                                    |      |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                    |      |     |     |
| <b>Course ID:</b><br>PriF.KFTCh/N-mUCH-102/15                                                                                                                                                      |       | <b>Course title:</b><br>Physical Chemistry Seminar |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning |       |                                                    |      |     |     |
| <b>Number of credits:</b> 1                                                                                                                                                                        |       |                                                    |      |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |       |                                                    |      |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                      |       |                                                    |      |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                    |      |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                    |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                    |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                    |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                    |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                    |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                    |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 86                                                                                                                           |       |                                                    |      |     |     |
| A                                                                                                                                                                                                  | B     | C                                                  | D    | E   | FX  |
| 58,14                                                                                                                                                                                              | 19,77 | 15,12                                              | 6,98 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                                                                |       |                                                    |      |     |     |
| <b>Last change:</b>                                                                                                                                                                                |       |                                                    |      |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                    |      |     |     |

## 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-107/18                                                                                                                                                           |      | <b>Course title:</b><br>Physical Education |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                            |     |     |     |
| <b>Number of credits:</b> 1                                                                                                                                                                           |      |                                            |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                       |      |                                            |     |     |     |
| <b>Educational level:</b> I., II.                                                                                                                                                                     |      |                                            |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |      |                                            |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |      |                                            |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |      |                                            |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |      |                                            |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |      |                                            |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |      |                                            |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |      |                                            |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 110                                                                                                                             |      |                                            |     |     |     |
| A                                                                                                                                                                                                     | B    | C                                          | D   | E   | FX  |
| 98,18                                                                                                                                                                                                 | 1,82 | 0,0                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Kristína Füzeková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková   |      |                                            |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                   |      |                                            |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                            |      |                                            |     |     |     |

## 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-109/18                                                                                                                                                           |     | <b>Course title:</b><br>Physical Education |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                            |     |     |     |
| <b>Number of credits:</b> 1                                                                                                                                                                           |     |                                            |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                       |     |                                            |     |     |     |
| <b>Educational level:</b> I., II.                                                                                                                                                                     |     |                                            |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |     |                                            |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |     |                                            |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |     |                                            |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |     |                                            |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |     |                                            |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |     |                                            |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |     |                                            |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 126                                                                                                                             |     |                                            |     |     |     |
| A                                                                                                                                                                                                     | B   | C                                          | D   | E   | FX  |
| 100,0                                                                                                                                                                                                 | 0,0 | 0,0                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Kristína Füzeková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková   |     |                                            |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                   |     |                                            |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                            |     |                                            |     |     |     |

## 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-110/18                                                                                                                                                           |     | <b>Course title:</b><br>Physical Education 10 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                               |     |     |     |
| <b>Number of credits:</b> 1                                                                                                                                                                           |     |                                               |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                       |     |                                               |     |     |     |
| <b>Educational level:</b> I., II.                                                                                                                                                                     |     |                                               |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |     |                                               |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |     |                                               |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |     |                                               |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |     |                                               |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |     |                                               |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |     |                                               |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |     |                                               |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 104                                                                                                                             |     |                                               |     |     |     |
| A                                                                                                                                                                                                     | B   | C                                             | D   | E   | FX  |
| 100,0                                                                                                                                                                                                 | 0,0 | 0,0                                           | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Kristína Füzeková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková   |     |                                               |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                   |     |                                               |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                            |     |                                               |     |     |     |

## 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-108/18                                                                                                                                                           |     | <b>Course title:</b><br>Physical Education 8 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                              |     |     |     |
| <b>Number of credits:</b> 1                                                                                                                                                                           |     |                                              |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                       |     |                                              |     |     |     |
| <b>Educational level:</b> I., II.                                                                                                                                                                     |     |                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |     |                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |     |                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |     |                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |     |                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |     |                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |     |                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |     |                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 143                                                                                                                             |     |                                              |     |     |     |
| A                                                                                                                                                                                                     | B   | C                                            | D   | E   | FX  |
| 100,0                                                                                                                                                                                                 | 0,0 | 0,0                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Kristína Füzeková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková   |     |                                              |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                   |     |                                              |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                            |     |                                              |     |     |     |

## 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.KDPP/N-mUXX-115/15                                                                                                                                                       |      | <b>Course title:</b><br>Prevention of Drug Addiction |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                                      |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                                      |     |     |      |
| <b>Recommended semester:</b> 1., 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><br>Total number of evaluated students: 101                                                                                                                          |      |                                                      |     |     |      |
| A                                                                                                                                                                                                  | B    | C                                                    | D   | E   | FX   |
| 95,05                                                                                                                                                                                              | 2,97 | 0,0                                                  | 0,0 | 0,0 | 1,98 |
| <b>Lecturers:</b> PaedDr. Tibor Nagy, PhD., RNDr. Soňa Nagyová, PhD.                                                                                                                               |      |                                                      |     |     |      |
| <b>Last change:</b> 10.01.2020                                                                                                                                                                     |      |                                                      |     |     |      |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |      |                                                      |     |     |      |

## 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>FMFI.KDMFI/2-UMA-253/19                                                                                                                                                       |     | <b>Course title:</b><br>Problematic Topics of Elementary School Mathematics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                             |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                             |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |     |                                                                             |     |     |     |
| <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><br>Total number of evaluated students: 3                                                                                                                            |     |                                                                             |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                           | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                                         | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PaedDr. Mária Slavíčková, PhD.                                                                                                                                                   |     |                                                                             |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                             |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |     |                                                                             |     |     |     |

## 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.KDPP/N-mUXX-105/15                                                                                                                                                       |       | <b>Course title:</b><br>Processing and intepretation of the statistical data in pedagogical-psychological researches |       |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                                                                      |       |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                                                                                      |       |      |      |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |       |                                                                                                                      |       |      |      |
| <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><br>Total number of evaluated students: 66                                                                                                                           |       |                                                                                                                      |       |      |      |
| A                                                                                                                                                                                                  | B     | C                                                                                                                    | D     | E    | FX   |
| 62,12                                                                                                                                                                                              | 16,67 | 4,55                                                                                                                 | 12,12 | 3,03 | 1,52 |
| <b>Lecturers:</b> PaedDr. Anna Drozdíková, PhD.                                                                                                                                                    |       |                                                                                                                      |       |      |      |
| <b>Last change:</b> 03.12.2019                                                                                                                                                                     |       |                                                                                                                      |       |      |      |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                                                                                      |       |      |      |

## 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.KDPP/N-mUXX-116/15                                                                                                                                                       |       | <b>Course title:</b><br>Rhetoric for teachers |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                               |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                               |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                    |       |                                               |     |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                      |       |                                               |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                               |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                               |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                               |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                               |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                               |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                               |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                               |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 35                                                                                                                           |       |                                               |     |     |     |
| A                                                                                                                                                                                                  | B     | C                                             | D   | E   | FX  |
| 62,86                                                                                                                                                                                              | 17,14 | 20,0                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Štefan Zolcer, PhD.                                                                                                                                                         |       |                                               |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |       |                                               |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                               |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |       |                                                           |       |      |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------|-------|------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |       |                                                           |       |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |       |                                                           |       |      |     |
| <b>Course ID:</b><br>PriF.KBCh/N-mUCH-001/16                                                                                                                                                                          |       | <b>Course title:</b><br>Selected Chapters in Biochemistry |       |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |       |                                                           |       |      |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                           |       |                                                           |       |      |     |
| <b>Recommended semester:</b> 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><br>Total number of evaluated students: 70                                                                                                                                              |       |                                                           |       |      |     |
| A                                                                                                                                                                                                                     | B     | C                                                         | D     | E    | FX  |
| 11,43                                                                                                                                                                                                                 | 25,71 | 30,0                                                      | 22,86 | 10,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Jana Korduláková, PhD.                                                                                                                                                                   |       |                                                           |       |      |     |
| <b>Last change:</b> 06.03.2017                                                                                                                                                                                        |       |                                                           |       |      |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                            |       |                                                           |       |      |     |

## 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>FMFL.KMANM/2-<br>UMA-111/15                                                                                                                                                  |       | <b>Course title:</b><br>Selected Parts of Mathematical Analysis (1) |      |       |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> course<br><b>Number of hours:</b><br><b>per week:</b> 4 <b>per level/semester:</b> 56<br><b>Form of the course:</b> on-site learning |       |                                                                     |      |       |     |
| <b>Number of credits:</b> 4                                                                                                                                                                       |       |                                                                     |      |       |     |
| <b>Recommended semester:</b> 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><br>Total number of evaluated students: 88                                                                                                                          |       |                                                                     |      |       |     |
| A                                                                                                                                                                                                 | B     | C                                                                   | D    | E     | FX  |
| 45,45                                                                                                                                                                                             | 13,64 | 18,18                                                               | 12,5 | 10,23 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Ivan Kupka, CSc.                                                                                                                                                     |       |                                                                     |      |       |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |       |                                                                     |      |       |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                        |       |                                                                     |      |       |     |

## 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>FMFL.KMANM/2-<br>UMA-112/15                                                                                                                                                  |      | <b>Course title:</b><br>Selected Parts of Mathematical Analysis (2) |     |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> course<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |      |                                                                     |     |      |     |
| <b>Number of credits:</b> 3                                                                                                                                                                       |      |                                                                     |     |      |     |
| <b>Recommended semester:</b> 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><br>Total number of evaluated students: 41                                                                                                                          |      |                                                                     |     |      |     |
| A                                                                                                                                                                                                 | B    | C                                                                   | D   | E    | FX  |
| 92,68                                                                                                                                                                                             | 4,88 | 0,0                                                                 | 0,0 | 2,44 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Ivan Kupka, CSc.                                                                                                                                                     |      |                                                                     |     |      |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |      |                                                                     |     |      |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                        |      |                                                                     |     |      |     |

## 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>FMFI.KAG/2-UMA-263/15                                                                                                                                                        |     | <b>Course title:</b><br>Selected Topics in Algebra |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> course<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                    |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                       |     |                                                    |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                   |     |                                                    |     |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                     |     |                                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                             |     |                                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                       |     |                                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                         |     |                                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                            |     |                                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                    |     |                                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |     |                                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                     |     |                                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                           |     |                                                    |     |     |     |
| A                                                                                                                                                                                                 | B   | C                                                  | D   | E   | FX  |
| 100,0                                                                                                                                                                                             | 0,0 | 0,0                                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Martin Niepel, PhD.                                                                                                                                                        |     |                                                    |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |     |                                                    |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                        |     |                                                    |     |     |     |

## 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.KOrCh/N-mUCH-100/15                                                                                                                                                                         |       | <b>Course title:</b><br>Selected Topics in Organic Chemistry |       |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |       |                                                              |       |       |      |
| <b>Number of credits:</b> 4                                                                                                                                                                                           |       |                                                              |       |       |      |
| <b>Recommended semester:</b> 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><br>Total number of evaluated students: 93                                                                                                                                              |       |                                                              |       |       |      |
| A                                                                                                                                                                                                                     | B     | C                                                            | D     | E     | FX   |
| 21,51                                                                                                                                                                                                                 | 19,35 | 18,28                                                        | 22,58 | 11,83 | 6,45 |
| <b>Lecturers:</b> Mgr. Andrea Martinická, PhD., doc. Ing. Mária Mečiarová, PhD.                                                                                                                                       |       |                                                              |       |       |      |
| <b>Last change:</b> 27.11.2019                                                                                                                                                                                        |       |                                                              |       |       |      |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                            |       |                                                              |       |       |      |

## 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-mUCH-057/15                                                                                                                                                      |       | <b>Course title:</b><br>Selected Topics in Physical Chemistry |       |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning |       |                                                               |       |      |     |
| <b>Number of credits:</b> 1                                                                                                                                                                        |       |                                                               |       |      |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |       |                                                               |       |      |     |
| <b>Educational level:</b> II.                                                                                                                                                                      |       |                                                               |       |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                               |       |      |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                               |       |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                               |       |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                               |       |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                               |       |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                               |       |      |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                               |       |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 87                                                                                                                           |       |                                                               |       |      |     |
| A                                                                                                                                                                                                  | B     | C                                                             | D     | E    | FX  |
| 26,44                                                                                                                                                                                              | 29,89 | 20,69                                                         | 14,94 | 8,05 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Vladimír Kellö, DrSc.                                                                                                                                                |       |                                                               |       |      |     |
| <b>Last change:</b>                                                                                                                                                                                |       |                                                               |       |      |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                               |       |      |     |

## 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>FMFL.KAG+KDMFI/2-<br>UMA-283/15                                                                                                                                               |       | <b>Course title:</b><br>Selected Topics in Teaching of Mathematics (1) |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |       |                                                                        |      |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                                        |      |      |      |
| <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><br>Total number of evaluated students: 65                                                                                                                           |       |                                                                        |      |      |      |
| A                                                                                                                                                                                                  | B     | C                                                                      | D    | E    | FX   |
| 49,23                                                                                                                                                                                              | 26,15 | 12,31                                                                  | 6,15 | 1,54 | 4,62 |
| <b>Lecturers:</b> doc. RNDr. Štefan Solčan, CSc., RNDr. Monika Dillingerová, PhD.                                                                                                                  |       |                                                                        |      |      |      |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                     |       |                                                                        |      |      |      |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                                        |      |      |      |

## 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>FMFL.KMANM/2-<br>UMA-211/15                                                                                                                                                   |       | <b>Course title:</b><br>Seminar in History of Mathematics (1) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |       |                                                               |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                               |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                    |       |                                                               |     |     |     |
| <b>Educational level:</b> II., N                                                                                                                                                                   |       |                                                               |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                               |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                               |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                               |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                               |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                               |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                               |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                               |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 77                                                                                                                           |       |                                                               |     |     |     |
| A                                                                                                                                                                                                  | B     | C                                                             | D   | E   | FX  |
| 49,35                                                                                                                                                                                              | 40,26 | 9,09                                                          | 1,3 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Zbyněk Kubáček, CSc.                                                                                                                                                  |       |                                                               |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                     |       |                                                               |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                               |     |     |     |

## 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>FMFL.KMANM/2-<br>UMA-212/15                                                                                                                                                   |       | <b>Course title:</b><br>Seminar in History of Mathematics (2) |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                               |      |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                               |      |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |       |                                                               |      |     |     |
| <b>Educational level:</b> II., N                                                                                                                                                                   |       |                                                               |      |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                               |      |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                               |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                               |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                               |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                               |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                               |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                               |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 74                                                                                                                           |       |                                                               |      |     |     |
| A                                                                                                                                                                                                  | B     | C                                                             | D    | E   | FX  |
| 86,49                                                                                                                                                                                              | 12,16 | 0,0                                                           | 1,35 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Zbyněk Kubáček, CSc.                                                                                                                                                  |       |                                                               |      |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                     |       |                                                               |      |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                               |      |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |                                               |     |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |                                               |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |                                               |     |     |     |
| <b>Course ID:</b><br>PriF.KDPP/N-mUXX-102/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       | <b>Course title:</b><br>Seminar to the thesis |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                        |       |                                               |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |                                               |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |                                               |     |     |     |
| <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><br>Total number of evaluated students: 167                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |                                               |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | B     | C                                             | D   | E   | FX  |
| 74,85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16,17 | 5,99                                          | 0,0 | 2,4 | 0,6 |
| <b>Lecturers:</b> doc. RNDr. Katarína Ušáková, PhD., doc. RNDr. Beáta Brestenská, CSc., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., PaedDr. Tibor Nagy, PhD., RNDr. Soňa Nagyová, PhD., PaedDr. Anna Drozdíková, PhD., doc. RNDr. PaedDr. Zuzana Haláková, PhD., prof. RNDr. Miroslav Prokša, CSc., Mgr. Diana Demkaninová, PhD., RNDr. Ivan Ružek, PhD., doc. Mgr. Slavomír Ondoš, PhD., RNDr. Katarína Danielová, PhD., Mgr. Marta Nevřelová, PhD., Peter Ikhardt, PhD., Mgr. Rastislav Cákoci, PhD. |       |                                               |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                                               |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                                               |     |     |     |

## 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.KAgCh/N-mCAG-131/17                                                                                                                                                      |       | <b>Course title:</b><br>Seminár zo všeobecnej a anorganickej chémie pre učiteľov |      |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                                  |      |       |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                                                  |      |       |      |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |       |                                                                                  |      |       |      |
| <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><br>Total number of evaluated students: 44                                                                                                                           |       |                                                                                  |      |       |      |
| A                                                                                                                                                                                                  | B     | C                                                                                | D    | E     | FX   |
| 43,18                                                                                                                                                                                              | 15,91 | 18,18                                                                            | 6,82 | 11,36 | 4,55 |
| <b>Lecturers:</b> RNDr. Jana Chrappová, PhD.                                                                                                                                                       |       |                                                                                  |      |       |      |
| <b>Last change:</b>                                                                                                                                                                                |       |                                                                                  |      |       |      |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |       |                                                                                  |      |       |      |

## 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>FMFL.KAG/2-UMA-115/15                                                                                                                                                        |       | <b>Course title:</b><br>Set Theory |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> course<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |       |                                    |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                       |       |                                    |     |     |     |
| <b>Recommended semester:</b> 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><br>Total number of evaluated students: 69                                                                                                                          |       |                                    |     |     |     |
| A                                                                                                                                                                                                 | B     | C                                  | D   | E   | FX  |
| 53,62                                                                                                                                                                                             | 20,29 | 14,49                              | 5,8 | 5,8 | 0,0 |
| <b>Lecturers:</b> RNDr. Martin Sleziak, PhD.                                                                                                                                                      |       |                                    |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |       |                                    |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                        |       |                                    |     |     |     |

## 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.KAgCh/N-mUCH-110/15                                                                                                                                                      |      | <b>Course title:</b><br>Subject competitions in education |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                                           |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                                           |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |      |                                                           |     |     |     |
| <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><br>Total number of evaluated students: 28                                                                                                                           |      |                                                           |     |     |     |
| A                                                                                                                                                                                                  | B    | C                                                         | D   | E   | FX  |
| 96,43                                                                                                                                                                                              | 3,57 | 0,0                                                       | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Jozef Tatiersky, PhD., RNDr. Jana Chrappová, PhD.                                                                                                                     |      |                                                           |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |      |                                                           |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |      |                                                           |     |     |     |

## 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-mUXX-204/10                                                                                                                                                    |     | <b>Course title:</b><br>Summer physic-educational meeting |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> other<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 7d<br><b>Form of the course:</b> on-site learning |     |                                                           |     |     |     |
| <b>Number of credits:</b> 1                                                                                                                                                                    |     |                                                           |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                |     |                                                           |     |     |     |
| <b>Educational level:</b> I., II.                                                                                                                                                              |     |                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                          |     |                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                    |     |                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                      |     |                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                         |     |                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                 |     |                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                             |     |                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                  |     |                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 50                                                                                                                       |     |                                                           |     |     |     |
| A                                                                                                                                                                                              | B   | C                                                         | D   | E   | FX  |
| 100,0                                                                                                                                                                                          | 0,0 | 0,0                                                       | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Kristína Füzeková                                                                                                                                                       |     |                                                           |     |     |     |
| <b>Last change:</b>                                                                                                                                                                            |     |                                                           |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                     |     |                                                           |     |     |     |

## 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.KDPP/N-mUXX-103/15                                                                                                                                                                                                                                                                                                                                           |       | <b>Course title:</b><br>Teaching Practice 2 (A) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practice<br><b>Number of hours:</b><br><b>per week:</b> 80 <b>per level/semester:</b> 1120<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                 |       |                                                 |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                            |       |                                                 |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                                                                                                                                                        |       |                                                 |     |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                                                                                                                                                                                                          |       |                                                 |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                  |       |                                                 |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                            |       |                                                 |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                              |       |                                                 |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                 |       |                                                 |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                         |       |                                                 |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                     |       |                                                 |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                          |       |                                                 |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 171                                                                                                                                                                                                                                                                                                              |       |                                                 |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                      | B     | C                                               | D   | E   | FX  |
| 76,61                                                                                                                                                                                                                                                                                                                                                                                  | 20,47 | 2,92                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Katarína Ušáková, PhD., doc. RNDr. Beáta Brestenská, CSc., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., RNDr. Soňa Nagyová, PhD., prof. RNDr. Miroslav Prokša, CSc., doc. RNDr. Katarína Pavličková, CSc., RNDr. Hubert Žarnovičan, PhD., PaedDr. Anna Drozdíková, PhD. |       |                                                 |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                                                                                                                                                                                    |       |                                                 |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                                                                                                                                                                                             |       |                                                 |     |     |     |

## 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.KDPP/N-mUXX-104/15                                                                                                                                                                                                                                                                                                                                           |     | <b>Course title:</b><br>Teaching Practice 2 (B) |     |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practice<br><b>Number of hours:</b><br><b>per week:</b> 80 <b>per level/semester:</b> 1120<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                 |     |                                                 |     |      |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                            |     |                                                 |     |      |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                                                                                                                                                        |     |                                                 |     |      |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                                                                                                                                                                                                          |     |                                                 |     |      |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                  |     |                                                 |     |      |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                            |     |                                                 |     |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                              |     |                                                 |     |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                 |     |                                                 |     |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                         |     |                                                 |     |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                     |     |                                                 |     |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                          |     |                                                 |     |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 235                                                                                                                                                                                                                                                                                                              |     |                                                 |     |      |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                      | ABS | B                                               | C   | D    | E   | FX  |
| 87,23                                                                                                                                                                                                                                                                                                                                                                                  | 0,0 | 8,51                                            | 3,4 | 0,85 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Beáta Brestenská, CSc., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., RNDr. Soňa Nagyová, PhD., prof. RNDr. Miroslav Prokša, CSc., doc. RNDr. Katarína Pavličková, CSc., RNDr. Hubert Žarnovičan, PhD., doc. RNDr. Katarína Ušáková, PhD., PaedDr. Anna Drozdíková, PhD. |     |                                                 |     |      |     |     |
| <b>Last change:</b>                                                                                                                                                                                                                                                                                                                                                                    |     |                                                 |     |      |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                                                                                                                                                                                             |     |                                                 |     |      |     |     |

## 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.KDPP/N-mUXX-113/15                                                                                                                                                                                                                                                                                                     |       | <b>Course title:</b><br>Teaching Practice 3 (A) |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practice<br><b>Number of hours:</b><br><b>per week:</b> 120 <b>per level/semester:</b> 1680<br><b>Form of the course:</b> on-site learning                                                                                                                                          |       |                                                 |      |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                      |       |                                                 |      |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                                                                                                  |       |                                                 |      |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                                                                                                                                                                    |       |                                                 |      |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                            |       |                                                 |      |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                      |       |                                                 |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                        |       |                                                 |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                           |       |                                                 |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                   |       |                                                 |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                               |       |                                                 |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                    |       |                                                 |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 137                                                                                                                                                                                                                                                                        |       |                                                 |      |     |     |
| A                                                                                                                                                                                                                                                                                                                                                | B     | C                                               | D    | E   | FX  |
| 78,1                                                                                                                                                                                                                                                                                                                                             | 18,25 | 2,92                                            | 0,73 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Beáta Brestenská, CSc., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., RNDr. Soňa Nagyová, PhD., prof. RNDr. Miroslav Prokša, CSc., PaedDr. Anna Drozdíková, PhD., doc. RNDr. Katarína Ušáková, PhD., RNDr. Hubert Žarnovičan, PhD. |       |                                                 |      |     |     |
| <b>Last change:</b>                                                                                                                                                                                                                                                                                                                              |       |                                                 |      |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                                                                                                                                                       |       |                                                 |      |     |     |

## 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.KDPP/N-mUXX-114/15                                                                                                                                                                                                                                                                                                     |     | <b>Course title:</b><br>Teaching Practice 3 (B) |      |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practice<br><b>Number of hours:</b><br><b>per week:</b> 120 <b>per level/semester:</b> 1680<br><b>Form of the course:</b> on-site learning                                                                                                                                          |     |                                                 |      |      |      |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                      |     |                                                 |      |      |      |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                                                                                                  |     |                                                 |      |      |      |     |
| <b>Educational level:</b> II.                                                                                                                                                                                                                                                                                                                    |     |                                                 |      |      |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                            |     |                                                 |      |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                      |     |                                                 |      |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                        |     |                                                 |      |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                           |     |                                                 |      |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                   |     |                                                 |      |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                               |     |                                                 |      |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                    |     |                                                 |      |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 203                                                                                                                                                                                                                                                                        |     |                                                 |      |      |      |     |
| A                                                                                                                                                                                                                                                                                                                                                | ABS | B                                               | C    | D    | E    | FX  |
| 64,04                                                                                                                                                                                                                                                                                                                                            | 0,0 | 24,63                                           | 9,85 | 0,99 | 0,49 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Beáta Brestenská, CSc., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., RNDr. Soňa Nagyová, PhD., prof. RNDr. Miroslav Prokša, CSc., doc. RNDr. Katarína Ušáková, PhD., PaedDr. Anna Drozdíková, PhD., RNDr. Hubert Žarnovičan, PhD. |     |                                                 |      |      |      |     |
| <b>Last change:</b>                                                                                                                                                                                                                                                                                                                              |     |                                                 |      |      |      |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                                                                                                                                                       |     |                                                 |      |      |      |     |

## 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>FMFI.KDMFI/2-UXX-841/15                                                                                                                                                       |      | <b>Course title:</b><br>Teaching Practice in Mathematics (2) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practice<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 60s<br><b>Form of the course:</b> on-site learning |      |                                                              |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                                              |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |      |                                                              |     |     |     |
| <b>Educational level:</b> II., N                                                                                                                                                                   |      |                                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 98                                                                                                                           |      |                                                              |     |     |     |
| A                                                                                                                                                                                                  | B    | C                                                            | D   | E   | FX  |
| 97,96                                                                                                                                                                                              | 1,02 | 1,02                                                         | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Michaela Vargová, PhD.                                                                                                                                                      |      |                                                              |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |      |                                                              |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |      |                                                              |     |     |     |

## 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>FMFI.KDMFI/2-UXX-842/15                                                                                                                                                       |      | <b>Course title:</b><br>Teaching Practice in Mathematics (3) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practice<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 90s<br><b>Form of the course:</b> on-site learning |      |                                                              |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |      |                                                              |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                    |      |                                                              |     |     |     |
| <b>Educational level:</b> II., N                                                                                                                                                                   |      |                                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 70                                                                                                                           |      |                                                              |     |     |     |
| A                                                                                                                                                                                                  | B    | C                                                            | D   | E   | FX  |
| 91,43                                                                                                                                                                                              | 2,86 | 5,71                                                         | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Michaela Vargová, PhD.                                                                                                                                                      |      |                                                              |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |      |                                                              |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |      |                                                              |     |     |     |

## 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.KDPP/N-mUCH-108/15                                                                                                                                                                             |      | <b>Course title:</b><br>Technical and Law Aspects of School Chemical Experiments |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14<br><b>Form of the course:</b> on-site learning |      |                                                                                  |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                              |      |                                                                                  |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                          |      |                                                                                  |     |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                                            |      |                                                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |      |                                                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |      |                                                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |      |                                                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |      |                                                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |      |                                                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |      |                                                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |      |                                                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 8                                                                                                                                                  |      |                                                                                  |     |     |     |
| A                                                                                                                                                                                                                        | B    | C                                                                                | D   | E   | FX  |
| 87,5                                                                                                                                                                                                                     | 12,5 | 0,0                                                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PaedDr. Anna Drozdíková, PhD.                                                                                                                                                                          |      |                                                                                  |     |     |     |
| <b>Last change:</b> 15.10.2018                                                                                                                                                                                           |      |                                                                                  |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                               |      |                                                                                  |     |     |     |

## 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.KDPP/N-mUXX-107/15                                                                                                                                                       |     | <b>Course title:</b><br>The Art of Presentation and Communication |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                   |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                   |     |     |     |
| <b>Recommended semester:</b> 1., 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><br>Total number of evaluated students: 61                                                                                                                           |     |                                                                   |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                 | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Peter Likavský, CSc., PaedDr. Tibor Nagy, PhD., RNDr. Soňa Nagyová, PhD.                                                                                                   |     |                                                                   |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                   |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |     |                                                                   |     |     |     |

## 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>FMFI.KAG/2-UMA-265/15                                                                                                                                                        |     | <b>Course title:</b><br>Theory, Algorithms and Graphs Applications |       |       |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> course<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                    |       |       |     |
| <b>Number of credits:</b> 3                                                                                                                                                                       |     |                                                                    |       |       |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                   |     |                                                                    |       |       |     |
| <b>Educational level:</b> II.                                                                                                                                                                     |     |                                                                    |       |       |     |
| <b>Prerequisites:</b>                                                                                                                                                                             |     |                                                                    |       |       |     |
| <b>Course requirements:</b>                                                                                                                                                                       |     |                                                                    |       |       |     |
| <b>Learning outcomes:</b>                                                                                                                                                                         |     |                                                                    |       |       |     |
| <b>Class syllabus:</b>                                                                                                                                                                            |     |                                                                    |       |       |     |
| <b>Recommended literature:</b>                                                                                                                                                                    |     |                                                                    |       |       |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |     |                                                                    |       |       |     |
| <b>Notes:</b>                                                                                                                                                                                     |     |                                                                    |       |       |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 6                                                                                                                           |     |                                                                    |       |       |     |
| A                                                                                                                                                                                                 | B   | C                                                                  | D     | E     | FX  |
| 0,0                                                                                                                                                                                               | 0,0 | 0,0                                                                | 66,67 | 33,33 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Martin Mačaj, PhD.                                                                                                                                                   |     |                                                                    |       |       |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |     |                                                                    |       |       |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                        |     |                                                                    |       |       |     |

## 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.KDPP/N-mUXX-119/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       | <b>Course title:</b><br>Thesis 1 |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 4 <b>per level/semester:</b> 56<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |                                  |      |      |      |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |                                  |      |      |      |
| <b>Recommended semester:</b> 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><br>Total number of evaluated students: 157                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                  |      |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | B     | C                                | D    | E    | FX   |
| 59,87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 15,92 | 9,55                             | 5,73 | 7,01 | 1,91 |
| <b>Lecturers:</b> doc. RNDr. Beáta Brestenská, CSc., doc. PaedDr. Elena Čipková, PhD., PaedDr. Anna Drozdíková, PhD., doc. RNDr. PaedDr. Zuzana Haláková, PhD., doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., PaedDr. Tibor Nagy, PhD., RNDr. Soňa Nagyová, PhD., prof. RNDr. Miroslav Prokša, CSc., doc. RNDr. Katarína Ušáková, PhD., doc. RNDr. Andrea Ševčovičová, PhD., doc. RNDr. Eliška Gálová, PhD., doc. Ing. Mária Mečiarová, PhD., RNDr. Jana Chrappová, PhD., doc. RNDr. Jozef Tatiersky, PhD., RNDr. Silvia Kubalová, PhD., doc. RNDr. Zlatica Országhová, CSc., RNDr. Ivan Ružek, PhD., RNDr. Katarína Danielová, PhD., Mgr. Štefan Zolcer, PhD., Peter Ikhardt, PhD., doc. RNDr. Daniel Gurňák, PhD. |       |                                  |      |      |      |
| <b>Last change:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                                  |      |      |      |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                                  |      |      |      |

## 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.KDPP/N-mUXX-120/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       | <b>Course title:</b><br>Thesis 2 |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 6 <b>per level/semester:</b> 84<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |                                  |      |      |     |
| <b>Number of credits:</b> 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |                                  |      |      |     |
| <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><br>Total number of evaluated students: 157                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                  |      |      |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | B     | C                                | D    | E    | FX  |
| 58,6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 21,66 | 8,92                             | 2,55 | 8,28 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Beáta Brestenská, CSc., doc. PaedDr. Elena Čipková, PhD., PaedDr. Anna Drozdíková, PhD., doc. RNDr. PaedDr. Zuzana Haláková, PhD., doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., PaedDr. Tibor Nagy, PhD., RNDr. Soňa Nagyová, PhD., prof. RNDr. Miroslav Prokša, CSc., doc. RNDr. Katarína Ušáková, PhD., doc. RNDr. Andrea Ševčovičová, PhD., doc. RNDr. Eliška Gálová, PhD., doc. Ing. Mária Mečiarová, PhD., RNDr. Jana Chrappová, PhD., doc. RNDr. Jozef Tatiersky, PhD., RNDr. Silvia Kubalová, PhD., doc. RNDr. Zlatica Országhová, CSc., RNDr. Ivan Ružek, PhD., RNDr. Katarína Danielová, PhD., Mgr. Štefan Zolcer, PhD., Peter Ikhardt, PhD., doc. RNDr. Daniel Gurňák, PhD. |       |                                  |      |      |     |
| <b>Last change:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                                  |      |      |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                                  |      |      |     |

## 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><br><b>Type of activities:</b> other<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 7d<br><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> I., II.                                                                                                                                                              |     |                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                          |     |                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                    |     |                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                      |     |                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                         |     |                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                 |     |                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                             |     |                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                  |     |                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 157                                                                                                                      |     |                                                           |     |     |     |
| 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. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                     |     |                                                           |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |      |                                                                         |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |      |                                                                         |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                                                         |     |     |     |
| <b>Course ID:</b><br>PriF.KDPP/N-mUXX-112/15                                                                                                                                                       |      | <b>Course title:</b><br>Work with interactive board for future teachers |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                                                         |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                                                         |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                    |      |                                                                         |     |     |     |
| <b>Educational level:</b> II.                                                                                                                                                                      |      |                                                                         |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                                         |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                                         |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                                         |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                                         |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                                         |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                                         |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                                         |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 66                                                                                                                           |      |                                                                         |     |     |     |
| A                                                                                                                                                                                                  | B    | C                                                                       | D   | E   | FX  |
| 92,42                                                                                                                                                                                              | 7,58 | 0,0                                                                     | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Beáta Brestenská, CSc.                                                                                                                                                |      |                                                                         |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |      |                                                                         |     |     |     |
| <b>Approved by:</b> prof. PhDr. Martin Žilínek, CSc., doc. RNDr. Zbyněk Kubáček, CSc., prof. PhDr. Mária Potočárová, PhD., doc. Ing. Mária Mečiarová, PhD.                                         |      |                                                                         |     |     |     |