

## Course descriptions

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## COURSE DESCRIPTION

|                                                                                                                                                                                                                                             |       |                                                           |       |      |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------|-------|------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                        |       |                                                           |       |      |     |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                                                             |       |                                                           |       |      |     |
| <b>Course ID:</b><br>PriF.KAlCh/N-bUCH-037/16                                                                                                                                                                                               |       | <b>Course title:</b><br>Analytical Chemistry for Teachers |       |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar / practicals<br><b>Number of hours:</b><br><b>per week:</b> 4 / 2 / 2 <b>per level/semester:</b> 56 / 28 / 28<br><b>Form of the course:</b> on-site learning |       |                                                           |       |      |     |
| <b>Number of credits:</b> 6                                                                                                                                                                                                                 |       |                                                           |       |      |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                                             |       |                                                           |       |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                |       |                                                           |       |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                       |       |                                                           |       |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                 |       |                                                           |       |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                   |       |                                                           |       |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                      |       |                                                           |       |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                              |       |                                                           |       |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                          |       |                                                           |       |      |     |
| <b>Notes:</b>                                                                                                                                                                                                                               |       |                                                           |       |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 59                                                                                                                                                                    |       |                                                           |       |      |     |
| A                                                                                                                                                                                                                                           | B     | C                                                         | D     | E    | FX  |
| 18,64                                                                                                                                                                                                                                       | 27,12 | 30,51                                                     | 18,64 | 5,08 | 0,0 |
| <b>Lecturers:</b> RNDr. Róbert Góra, PhD., doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Marian Masár, PhD., RNDr. Róbert Bodor, PhD., RNDr. Andrea Vojs Staňová, PhD.                                                                        |       |                                                           |       |      |     |
| <b>Last change:</b> 09.01.2020                                                                                                                                                                                                              |       |                                                           |       |      |     |
| <b>Approved by:</b>                                                                                                                                                                                                                         |       |                                                           |       |      |     |

## STATE EXAM DESCRIPTION

|                                                      |                                                 |
|------------------------------------------------------|-------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                                 |
| <b>Faculty:</b> Faculty of Arts                      |                                                 |
| <b>Course ID:</b><br>PriF.KDPP/N-bOBH-100/15         | <b>Course title:</b><br>Bachelor Thesis Defense |
| <b>Number of credits:</b> 8                          |                                                 |
| <b>Educational level:</b> I.                         |                                                 |
| <b>State exam syllabus:</b>                          |                                                 |
| <b>Last change:</b>                                  |                                                 |
| <b>Approved by:</b>                                  |                                                 |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |                                         |      |      |      |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------|------|------|------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |                                         |      |      |      |      |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |                                         |      |      |      |      |
| <b>Course ID:</b><br>PriF.KDPP/N-bUBI-002/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     | <b>Course title:</b><br>Bachelor theses |      |      |      |      |
| <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> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |                                         |      |      |      |      |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |                                         |      |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                                         |      |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |                                         |      |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |                                         |      |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |                                         |      |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |                                         |      |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |                                         |      |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |                                         |      |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                         |      |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 146                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |                                         |      |      |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ABS | B                                       | C    | D    | E    | FX   |
| 75,34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,0 | 11,64                                   | 6,16 | 2,05 | 4,11 | 0,68 |
| <b>Lecturers:</b> doc. RNDr. Beáta Brestenská, CSc., Mgr. Štefan Zolcer, PhD., 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. Zlatica Országhová, CSc., Peter Ikhardt, PhD., doc. RNDr. Daniel Gurňák, PhD., RNDr. Ivan Ružek, PhD., doc. Mgr. Marcel Horňák, PhD., RNDr. Jana Chrappová, PhD., doc. Ing. Mária Mečiarová, PhD., doc. RNDr. Andrea Ševčovičová, PhD., doc. RNDr. Katarína Pavličková, CSc., doc. RNDr. Daniel Pivko, PhD., doc. RNDr. Jozef Tatiersky, PhD., RNDr. Jana Ciceková, PhD., PhDr. Michael Fuchs, RNDr. Michal Hrabovský, PhD., RNDr. Silvia Kubalová, PhD., Ing. Mgr. Eva Zahradníková, PhD., doc. Mgr. Soňa Jančovičová, PhD., doc. RNDr. Jana Ščevková, PhD. |     |                                         |      |      |      |      |
| <b>Last change:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |                                         |      |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |                                         |      |      |      |      |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------|-------|-------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                        |       |                                                   |       |       |      |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                                                             |       |                                                   |       |       |      |
| <b>Course ID:</b><br>PriF.KBCh/N-bUCH-002/16                                                                                                                                                                                                |       | <b>Course title:</b><br>Biochemistry for Teachers |       |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar / practicals<br><b>Number of hours:</b><br><b>per week:</b> 4 / 2 / 5 <b>per level/semester:</b> 56 / 28 / 70<br><b>Form of the course:</b> on-site learning |       |                                                   |       |       |      |
| <b>Number of credits:</b> 9                                                                                                                                                                                                                 |       |                                                   |       |       |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                                             |       |                                                   |       |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                |       |                                                   |       |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                       |       |                                                   |       |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                 |       |                                                   |       |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                   |       |                                                   |       |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                      |       |                                                   |       |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                              |       |                                                   |       |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                          |       |                                                   |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                                                               |       |                                                   |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 60                                                                                                                                                                    |       |                                                   |       |       |      |
| A                                                                                                                                                                                                                                           | B     | C                                                 | D     | E     | FX   |
| 10,0                                                                                                                                                                                                                                        | 13,33 | 38,33                                             | 21,67 | 13,33 | 3,33 |
| <b>Lecturers:</b> prof. RNDr. Marta Kollárová, DrSc., doc. Mgr. Peter Polčic, PhD., RNDr. Petra Čermáková, PhD., RNDr. Gabriela Gavurníková, CSc.                                                                                           |       |                                                   |       |       |      |
| <b>Last change:</b>                                                                                                                                                                                                                         |       |                                                   |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                                         |       |                                                   |       |       |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------|-------|-------|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |       |                                                  |       |       |       |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                    |       |                                                  |       |       |       |
| <b>Course ID:</b><br>PriF.KAgCh/N-bCXX-002/15                                                                                                                                                      |       | <b>Course title:</b><br>Chemical Calculation (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> I.                                                                                                                                                                       |       |                                                  |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                  |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                  |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                  |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                  |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                  |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                  |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                  |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 701                                                                                                                          |       |                                                  |       |       |       |
| A                                                                                                                                                                                                  | B     | C                                                | D     | E     | FX    |
| 20,4                                                                                                                                                                                               | 15,98 | 12,98                                            | 11,98 | 16,98 | 21,68 |
| <b>Lecturers:</b> doc. RNDr. Jozef Tatiersky, PhD., Mgr. Olivier Monfort, PhD.                                                                                                                     |       |                                                  |       |       |       |
| <b>Last change:</b> 09.11.2017                                                                                                                                                                     |       |                                                  |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                  |       |       |       |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------|------|------|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |      |                                                  |      |      |       |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                    |      |                                                  |      |      |       |
| <b>Course ID:</b><br>PriF.KAgCh/N-bCAG-005/15                                                                                                                                                      |      | <b>Course title:</b><br>Chemical Calculation (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.                                                                                                                                                                    |      |                                                  |      |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                                  |      |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                  |      |      |       |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                  |      |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                  |      |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                  |      |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                  |      |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                  |      |      |       |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                  |      |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 89                                                                                                                           |      |                                                  |      |      |       |
| A                                                                                                                                                                                                  | B    | C                                                | D    | E    | FX    |
| 50,56                                                                                                                                                                                              | 7,87 | 11,24                                            | 5,62 | 4,49 | 20,22 |
| <b>Lecturers:</b> doc. RNDr. Jozef Tatiersky, PhD., RNDr. Ján Šimunek, PhD.                                                                                                                        |      |                                                  |      |      |       |
| <b>Last change:</b> 14.11.2017                                                                                                                                                                     |      |                                                  |      |      |       |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                                  |      |      |       |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------|------|------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |      |                                                   |      |      |     |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                                       |      |                                                   |      |      |     |
| <b>Course ID:</b><br>PriF.ChÚ/N-bCEC-002/15                                                                                                                                                                           |      | <b>Course title:</b><br>Chemistry and Environment |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / 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> 4.                                                                                                                                                                                       |      |                                                   |      |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |      |                                                   |      |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |      |                                                   |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |      |                                                   |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |      |                                                   |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |      |                                                   |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |      |                                                   |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |      |                                                   |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                                         |      |                                                   |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 20                                                                                                                                              |      |                                                   |      |      |     |
| A                                                                                                                                                                                                                     | B    | C                                                 | D    | E    | FX  |
| 15,0                                                                                                                                                                                                                  | 35,0 | 25,0                                              | 15,0 | 10,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Renáta Górová, PhD., RNDr. Helena Jurdáková, PhD., prof. RNDr. Anton Gáplovský, DrSc., prof. Ing. Eva Chmielewská, CSc.                                                                       |      |                                                   |      |      |     |
| <b>Last change:</b> 29.01.2020                                                                                                                                                                                        |      |                                                   |      |      |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |      |                                                   |      |      |     |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |      |                                                |     |     |     |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                                       |      |                                                |     |     |     |
| <b>Course ID:</b><br>PriF.KDPP/N-bUCH-039/16                                                                                                                                                                          |      | <b>Course title:</b><br>Didactics of 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> 6.                                                                                                                                                                                       |      |                                                |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |      |                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |      |                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |      |                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |      |                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |      |                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |      |                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |      |                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |      |                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 60                                                                                                                                              |      |                                                |     |     |     |
| A                                                                                                                                                                                                                     | B    | C                                              | D   | E   | FX  |
| 85,0                                                                                                                                                                                                                  | 15,0 | 0,0                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PaedDr. Tibor Nagy, PhD.                                                                                                                                                                            |      |                                                |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                   |      |                                                |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |      |                                                |     |     |     |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------|------|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |       |                                                                      |      |     |      |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                       |       |                                                                      |      |     |      |
| <b>Course ID:</b><br>PriF.KDPP/N-bUCH-038/16                                                                                                                                                          |       | <b>Course title:</b><br>Didactics of School Experiments in Chemistry |      |     |      |
| <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> 5.                                                                                                                                                                       |       |                                                                      |      |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                          |       |                                                                      |      |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                 |       |                                                                      |      |     |      |
| <b>Course requirements:</b>                                                                                                                                                                           |       |                                                                      |      |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                             |       |                                                                      |      |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                |       |                                                                      |      |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                        |       |                                                                      |      |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |       |                                                                      |      |     |      |
| <b>Notes:</b>                                                                                                                                                                                         |       |                                                                      |      |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 61                                                                                                                              |       |                                                                      |      |     |      |
| A                                                                                                                                                                                                     | B     | C                                                                    | D    | E   | FX   |
| 9,84                                                                                                                                                                                                  | 39,34 | 39,34                                                                | 9,84 | 0,0 | 1,64 |
| <b>Lecturers:</b> PaedDr. Anna Drozdíková, PhD.                                                                                                                                                       |       |                                                                      |      |     |      |
| <b>Last change:</b>                                                                                                                                                                                   |       |                                                                      |      |     |      |
| <b>Approved by:</b>                                                                                                                                                                                   |       |                                                                      |      |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                 |       |                                                               |       |       |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------|-------|-------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                            |       |                                                               |       |       |      |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                                                                                 |       |                                                               |       |       |      |
| <b>Course ID:</b><br>PriF.KOrCh/N-bCOR-001/15                                                                                                                                                                                                                   |       | <b>Course title:</b><br>Elective Seminar in Organic 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> I.                                                                                                                                                                                                                                    |       |                                                               |       |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                           |       |                                                               |       |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                     |       |                                                               |       |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                       |       |                                                               |       |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                          |       |                                                               |       |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                  |       |                                                               |       |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                              |       |                                                               |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                   |       |                                                               |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 363                                                                                                                                                                                       |       |                                                               |       |       |      |
| A                                                                                                                                                                                                                                                               | B     | C                                                             | D     | E     | FX   |
| 32,51                                                                                                                                                                                                                                                           | 20,39 | 17,36                                                         | 10,19 | 10,74 | 8,82 |
| <b>Lecturers:</b> doc. Ing. Mária Mečiarová, PhD., doc. RNDr. Peter Magdolen, PhD., RNDr. Viera Poláčková, PhD., Mgr. Andrea Martinická, PhD., Ing. Kristína Plevová, PhD., Mgr. Henrieta Stankovičová, PhD., Mgr. Peter Šramel, PhD., Mgr. Tibor Peňaška, PhD. |       |                                                               |       |       |      |
| <b>Last change:</b> 15.11.2017                                                                                                                                                                                                                                  |       |                                                               |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                             |       |                                                               |       |       |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------|-------|------|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |       |                                                               |       |      |       |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                    |       |                                                               |       |      |       |
| <b>Course ID:</b><br>PriF.KOrCh/N-bCOR-008/16                                                                                                                                                      |       | <b>Course title:</b><br>Elective Seminar in Organic Synthesis |       |      |       |
| <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> I.                                                                                                                                                                       |       |                                                               |       |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                               |       |      |       |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                               |       |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                               |       |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                               |       |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                               |       |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                               |       |      |       |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                               |       |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 127                                                                                                                          |       |                                                               |       |      |       |
| A                                                                                                                                                                                                  | B     | C                                                             | D     | E    | FX    |
| 23,62                                                                                                                                                                                              | 20,47 | 25,2                                                          | 15,75 | 4,72 | 10,24 |
| <b>Lecturers:</b> doc. Ing. Mária Mečiarová, PhD.                                                                                                                                                  |       |                                                               |       |      |       |
| <b>Last change:</b> 27.11.2019                                                                                                                                                                     |       |                                                               |       |      |       |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                               |       |      |       |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                              |      |                                                     |       |       |      |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                   |      |                                                     |       |       |      |
| <b>Course ID:</b><br>PriF-FMFI.KDMFI/N-bCXX-014/15                                                                                                                                                |      | <b>Course title:</b><br>Fundamentals of Mathematics |       |       |      |
| <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> 5d<br><b>Form of the course:</b> on-site learning |      |                                                     |       |       |      |
| <b>Number of credits:</b> 2                                                                                                                                                                       |      |                                                     |       |       |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                   |      |                                                     |       |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                      |      |                                                     |       |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                             |      |                                                     |       |       |      |
| <b>Course requirements:</b>                                                                                                                                                                       |      |                                                     |       |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                         |      |                                                     |       |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                            |      |                                                     |       |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                    |      |                                                     |       |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |      |                                                     |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                     |      |                                                     |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 462                                                                                                                         |      |                                                     |       |       |      |
| A                                                                                                                                                                                                 | B    | C                                                   | D     | E     | FX   |
| 26,19                                                                                                                                                                                             | 31,6 | 12,77                                               | 12,99 | 11,69 | 4,76 |
| <b>Lecturers:</b> Mgr. Anna Trúsiková                                                                                                                                                             |      |                                                     |       |       |      |
| <b>Last change:</b> 09.11.2017                                                                                                                                                                    |      |                                                     |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                               |      |                                                     |       |       |      |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |      |                                                        |       |       |       |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                                       |      |                                                        |       |       |       |
| <b>Course ID:</b><br>PriF.KAgCh/N-bUCH-034/15                                                                                                                                                                         |      | <b>Course title:</b><br>General Chemistry for Teachers |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 3 / 2 <b>per level/semester:</b> 42 / 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> I.                                                                                                                                                                                          |      |                                                        |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |      |                                                        |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                                           |      |                                                        |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |      |                                                        |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                |      |                                                        |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                                        |      |                                                        |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |      |                                                        |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                         |      |                                                        |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 245                                                                                                                                             |      |                                                        |       |       |       |
| A                                                                                                                                                                                                                     | B    | C                                                      | D     | E     | FX    |
| 1,22                                                                                                                                                                                                                  | 6,53 | 13,47                                                  | 15,51 | 17,14 | 46,12 |
| <b>Lecturers:</b> doc. RNDr. Jozef Tatiersky, PhD.                                                                                                                                                                    |      |                                                        |       |       |       |
| <b>Last change:</b>                                                                                                                                                                                                   |      |                                                        |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                                   |      |                                                        |       |       |       |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                        |     |                                                          |       |      |       |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                                                             |     |                                                          |       |      |       |
| <b>Course ID:</b><br>PriF.KAgCh/N-bUCH-036/15                                                                                                                                                                                               |     | <b>Course title:</b><br>Inorganic Chemistry for Teachers |       |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar / practicals<br><b>Number of hours:</b><br><b>per week:</b> 3 / 2 / 5 <b>per level/semester:</b> 42 / 28 / 70<br><b>Form of the course:</b> on-site learning |     |                                                          |       |      |       |
| <b>Number of credits:</b> 8                                                                                                                                                                                                                 |     |                                                          |       |      |       |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                             |     |                                                          |       |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                                                                |     |                                                          |       |      |       |
| <b>Prerequisites:</b> PriF.KAgCh/N-bUCH-034/15 - General Chemistry for Teachers                                                                                                                                                             |     |                                                          |       |      |       |
| <b>Course requirements:</b>                                                                                                                                                                                                                 |     |                                                          |       |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                   |     |                                                          |       |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                                      |     |                                                          |       |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                                                              |     |                                                          |       |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                          |     |                                                          |       |      |       |
| <b>Notes:</b>                                                                                                                                                                                                                               |     |                                                          |       |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 109                                                                                                                                                                   |     |                                                          |       |      |       |
| A                                                                                                                                                                                                                                           | B   | C                                                        | D     | E    | FX    |
| 2,75                                                                                                                                                                                                                                        | 5,5 | 11,01                                                    | 26,61 | 15,6 | 38,53 |
| <b>Lecturers:</b> RNDr. Jana Chrappová, PhD., doc. RNDr. Jozef Tatiersky, PhD., RNDr. Lukáš Krivosudský, PhD.                                                                                                                               |     |                                                          |       |      |       |
| <b>Last change:</b>                                                                                                                                                                                                                         |     |                                                          |       |      |       |
| <b>Approved by:</b>                                                                                                                                                                                                                         |     |                                                          |       |      |       |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |       |                                                           |       |       |       |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                       |       |                                                           |       |       |       |
| <b>Course ID:</b><br>PriF.KAgCh/N-bUCH-035/15                                                                                                                                                         |       | <b>Course title:</b><br>Laboratory Technique for Teachers |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 4 <b>per level/semester:</b> 56<br><b>Form of the course:</b> on-site learning |       |                                                           |       |       |       |
| <b>Number of credits:</b> 4                                                                                                                                                                           |       |                                                           |       |       |       |
| <b>Recommended semester:</b> 1.                                                                                                                                                                       |       |                                                           |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                          |       |                                                           |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                                 |       |                                                           |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                           |       |                                                           |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                             |       |                                                           |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                                |       |                                                           |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                        |       |                                                           |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |       |                                                           |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                         |       |                                                           |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 186                                                                                                                             |       |                                                           |       |       |       |
| A                                                                                                                                                                                                     | B     | C                                                         | D     | E     | FX    |
| 8,06                                                                                                                                                                                                  | 16,67 | 20,43                                                     | 18,82 | 16,13 | 19,89 |
| <b>Lecturers:</b> RNDr. Jana Chrappová, PhD., doc. Mgr. Peter Bilik, PhD., RNDr. Zuzana Matkovičová, PhD.                                                                                             |       |                                                           |       |       |       |
| <b>Last change:</b>                                                                                                                                                                                   |       |                                                           |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                   |       |                                                           |       |       |       |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |     |                                           |      |     |      |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                                       |     |                                           |      |     |      |
| <b>Course ID:</b><br>PriF.KOrCh/N-bUCH-041/16                                                                                                                                                                         |     | <b>Course title:</b><br>Natural Compounds |      |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |     |                                           |      |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                           |     |                                           |      |     |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                       |     |                                           |      |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                          |     |                                           |      |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |     |                                           |      |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                           |     |                                           |      |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |     |                                           |      |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                |     |                                           |      |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                        |     |                                           |      |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |     |                                           |      |     |      |
| <b>Notes:</b>                                                                                                                                                                                                         |     |                                           |      |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 8                                                                                                                                               |     |                                           |      |     |      |
| A                                                                                                                                                                                                                     | B   | C                                         | D    | E   | FX   |
| 37,5                                                                                                                                                                                                                  | 0,0 | 37,5                                      | 12,5 | 0,0 | 12,5 |
| <b>Lecturers:</b> Mgr. Ambroz Almássy, PhD., doc. RNDr. Peter Magdolen, PhD.                                                                                                                                          |     |                                           |      |     |      |
| <b>Last change:</b> 14.11.2017                                                                                                                                                                                        |     |                                           |      |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                   |     |                                           |      |     |      |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                        |       |                                                        |       |       |       |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                                                             |       |                                                        |       |       |       |
| <b>Course ID:</b><br>PriF.KOrCh/N-bUCH-003/15                                                                                                                                                                                               |       | <b>Course title:</b><br>Organic Chemistry for Teachers |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar / practicals<br><b>Number of hours:</b><br><b>per week:</b> 4 / 2 / 5 <b>per level/semester:</b> 56 / 28 / 70<br><b>Form of the course:</b> on-site learning |       |                                                        |       |       |       |
| <b>Number of credits:</b> 9                                                                                                                                                                                                                 |       |                                                        |       |       |       |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                                             |       |                                                        |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                                                                |       |                                                        |       |       |       |
| <b>Prerequisites:</b> PriF.KAgCh/N-bUCH-034/15 - General Chemistry for Teachers                                                                                                                                                             |       |                                                        |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                                                                 |       |                                                        |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                   |       |                                                        |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                                      |       |                                                        |       |       |       |
| <b>Recommended 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    |
| 5,8                                                                                                                                                                                                                                         | 10,14 | 17,39                                                  | 28,99 | 14,49 | 23,19 |
| <b>Lecturers:</b> Mgr. Andrea Martinická, PhD., doc. Ing. Mária Mečiarová, PhD., Mgr. Peter Šramel, PhD.                                                                                                                                    |       |                                                        |       |       |       |
| <b>Last change:</b> 27.11.2019                                                                                                                                                                                                              |       |                                                        |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                                                         |       |                                                        |       |       |       |

## COURSE DESCRIPTION

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| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                   |       |                                                   |       |      |     |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                                                                                                        |       |                                                   |       |      |     |
| <b>Course ID:</b><br>PriF.KOrCh/N-bCXX-012/15                                                                                                                                                                                                                                          |       | <b>Course title:</b><br>Perspectives in Chemistry |       |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 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> I.                                                                                                                                                                                                                                                           |       |                                                   |       |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                  |       |                                                   |       |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                            |       |                                                   |       |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                              |       |                                                   |       |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                 |       |                                                   |       |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                         |       |                                                   |       |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                     |       |                                                   |       |      |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                          |       |                                                   |       |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 94                                                                                                                                                                                                               |       |                                                   |       |      |     |
| A                                                                                                                                                                                                                                                                                      | B     | C                                                 | D     | E    | FX  |
| 9,57                                                                                                                                                                                                                                                                                   | 40,43 | 24,47                                             | 19,15 | 6,38 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Martin Putala, CSc., RNDr. Oľga Roszkopfová, PhD., doc. Ing. Dušan Velič, DrSc., prof. RNDr. Ivan Černušák, DrSc., RNDr. Milan Sýkora, PhD., Mgr. Peter Hrobárik, PhD., RNDr. Erik Rakovský, PhD., RNDr. Marek Cigáň, PhD., doc. RNDr. Marian Masár, PhD. |       |                                                   |       |      |     |
| <b>Last change:</b> 14.11.2017                                                                                                                                                                                                                                                         |       |                                                   |       |      |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                    |       |                                                   |       |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                             |       |                                                         |       |       |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------|-------|-------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                        |       |                                                         |       |       |      |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                                                             |       |                                                         |       |       |      |
| <b>Course ID:</b><br>PriF.KFTCh/N-bUCH-001/15                                                                                                                                                                                               |       | <b>Course title:</b><br>Physical Chemistry for Teachers |       |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar / practicals<br><b>Number of hours:</b><br><b>per week:</b> 4 / 2 / 2 <b>per level/semester:</b> 56 / 28 / 28<br><b>Form of the course:</b> on-site learning |       |                                                         |       |       |      |
| <b>Number of credits:</b> 6                                                                                                                                                                                                                 |       |                                                         |       |       |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                             |       |                                                         |       |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                |       |                                                         |       |       |      |
| <b>Prerequisites:</b> PriF.KAgCh/N-bUCH-034/15 - General Chemistry for Teachers                                                                                                                                                             |       |                                                         |       |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                 |       |                                                         |       |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                   |       |                                                         |       |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                      |       |                                                         |       |       |      |
| <b>Recommended 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   |
| 14,94                                                                                                                                                                                                                                       | 19,54 | 18,39                                                   | 26,44 | 14,94 | 5,75 |
| <b>Lecturers:</b> doc. Mgr. Pavel Neogrady, DrSc., doc. RNDr. Ivan Valent, CSc., doc. Ing. Dušan Velič, DrSc., doc. Ing. Marián Janek, PhD., RNDr. Lukáš Félix Pašteka, PhD.                                                                |       |                                                         |       |       |      |
| <b>Last change:</b>                                                                                                                                                                                                                         |       |                                                         |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                                         |       |                                                         |       |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |     |                                                                |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |     |                                                                |     |     |     |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                                       |     |                                                                |     |     |     |
| <b>Course ID:</b><br>PriF.KAgCh/N-bUCH-040/16                                                                                                                                                                         |     | <b>Course title:</b><br>Scientific and professional literature |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |     |                                                                |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                           |     |                                                                |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                       |     |                                                                |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |     |                                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |     |                                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |     |                                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |     |                                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |     |                                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |     |                                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |     |                                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |     |                                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 6                                                                                                                                               |     |                                                                |     |     |     |
| A                                                                                                                                                                                                                     | B   | C                                                              | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                 | 0,0 | 0,0                                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. Ing. Karol Jesenák, PhD.                                                                                                                                                                      |     |                                                                |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                   |     |                                                                |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |     |                                                                |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |       |                                    |      |      |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------|------|------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |       |                                    |      |      |     |
| <b>Faculty:</b> Faculty of Arts                                                                                                                                                                                       |       |                                    |      |      |     |
| <b>Course ID:</b><br>PriF.KOrCh/N-bCXX-046/16                                                                                                                                                                         |       | <b>Course title:</b><br>Toxicology |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |       |                                    |      |      |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                           |       |                                    |      |      |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                       |       |                                    |      |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |       |                                    |      |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |       |                                    |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |       |                                    |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |       |                                    |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |       |                                    |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |       |                                    |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |       |                                    |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                                         |       |                                    |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 90                                                                                                                                              |       |                                    |      |      |     |
| A                                                                                                                                                                                                                     | B     | C                                  | D    | E    | FX  |
| 61,11                                                                                                                                                                                                                 | 21,11 | 11,11                              | 4,44 | 2,22 | 0,0 |
| <b>Lecturers:</b> Mgr. Henrieta Stankovičová, PhD.                                                                                                                                                                    |       |                                    |      |      |     |
| <b>Last change:</b> 14.11.2017                                                                                                                                                                                        |       |                                    |      |      |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |       |                                    |      |      |     |