

## Course descriptions

### TABLE OF CONTENTS

|                                                                                         |    |
|-----------------------------------------------------------------------------------------|----|
| 1. 3-FEN-803/10 BSc Thesis Supervision.....                                             | 2  |
| 2. 3-FMK-005/00 Boundary Atmospheric Layer Physics.....                                 | 3  |
| 3. 3-FEN-009/15 Chemical Pollution of Air, Water and Soil.....                          | 4  |
| 4. 3-FEN-003/10 Climate Change, Their Causes and Consequences.....                      | 5  |
| 5. 3-MXX-101/15 Course of English for PhD Studies (1).....                              | 6  |
| 6. 3-MXX-102/15 Course of English for PhD Studies (1).....                              | 7  |
| 7. 3-FEN-203/10 Department Seminar (1).....                                             | 8  |
| 8. 3-FEN-204/10 Department Seminar (2).....                                             | 9  |
| 9. 3-FEN-205/10 Department Seminar (3).....                                             | 10 |
| 10. 3-FEN-206/10 Department Seminar (4).....                                            | 11 |
| 11. 3-FEN-705/10 Development of Novel Software Product Linked with PhD Project.....     | 12 |
| 12. 3-FEN-990/15 Dissertation Thesis Defense ( <b>state exam</b> ).....                 | 13 |
| 13. 3-FEN-008/15 Energy Resources and Environment.....                                  | 14 |
| 14. 3-FEN-011/15 English Seminar on Environment.....                                    | 15 |
| 15. 3-FEN-013/15 Environmental Biophysics.....                                          | 16 |
| 16. 3-FEN-002/10 Environmental Systems Interactions.....                                | 17 |
| 17. 3-FEN-004/15 Experimental Methods in Environmental Physics.....                     | 18 |
| 18. 3-FEN-703/10 Home Project Co-researcher.....                                        | 19 |
| 19. 3-FEN-301/10 Independent Research (1).....                                          | 20 |
| 20. 3-FEN-302/10 Independent Research (2).....                                          | 21 |
| 21. 3-FEN-303/10 Independent Research (3).....                                          | 22 |
| 22. 3-FEN-304/10 Independent Research (4).....                                          | 23 |
| 23. 3-FEN-305/10 Independent Research (5).....                                          | 24 |
| 24. 3-FEN-306/10 Independent Research (6).....                                          | 25 |
| 25. 3-FEN-307/10 Independent Research (7).....                                          | 26 |
| 26. 3-FEN-101/15 Individual Study of Science and Research Resources (1).....            | 27 |
| 27. 3-FEN-102/15 Individual Study of Science and Research Resources (2).....            | 28 |
| 28. 3-FEN-103/15 Individual Study of Science and Research Resources (3).....            | 29 |
| 29. 3-FEN-104/15 Individual Study of Science and Research Resources (4).....            | 30 |
| 30. 3-FEN-702/10 International Project Co-researcher.....                               | 31 |
| 31. 3-FEN-704/10 Introduction of Novel Experimental Method Linked with PhD Project..... | 32 |
| 32. 3-FEN-006/10 Isotopic Technologies and Tracers in Environmental Studies.....        | 33 |
| 33. 3-FEN-001/10 Modelling in Environmental Physics.....                                | 34 |
| 34. 3-FEN-007/10 Nanotechnologies in Environmental Physics.....                         | 35 |
| 35. 3-FEN-701/10 Obtaining a University Grant.....                                      | 36 |
| 36. 3-FEN-950/15 Passing Dissertation Examination ( <b>state exam</b> ).....            | 37 |
| 37. 3-FEN-502/10 Presentation at a Home Conference.....                                 | 38 |
| 38. 3-FEN-501/10 Presentation at an International Conference.....                       | 39 |
| 39. 3-FEN-010/10 Preservation of Total Environment.....                                 | 40 |
| 40. 3-FEN-409/15 Publication in a Reviewed Periodical.....                              | 41 |
| 41. 3-FEN-408/15 Publication in an A-category Periodical.....                           | 42 |
| 42. 3-FEN-410/15 Response to a o1 and o2 Category Publication.....                      | 43 |
| 43. 3-FEN-005/10 Satellite Research of the Earth.....                                   | 44 |
| 44. 3-FEN-801/10 Supervising and Demonstrating Work (1).....                            | 45 |
| 45. 3-FEN-802/10 Supervising and Demonstrating Work (2).....                            | 46 |
| 46. 3-FEN-012/15 Use of Accelerators in Environmental Research.....                     | 47 |
| 47. 3-FEN-808/15 Writing BSc or Diploma Thesis Assessment Protocol.....                 | 48 |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-803/10                                                                                                                                                  |     | <b>Course title:</b><br>BSc Thesis Supervision |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                |     |     |     |
| <b>Number of credits:</b> 10                                                                                                                                                                 |     |                                                |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                                 |     |                                                |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                      |     |                                                |     |     |     |
| A                                                                                                                                                                                            | B   | C                                              | D   | E   | FX  |
| 0,0                                                                                                                                                                                          | 0,0 | 0,0                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                 |     |                                                            |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                                                                                                                                                                            |     |                                                            |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                                                                                                                                                                                                                 |     |                                                            |     |     |     |
| <b>Course ID:</b><br>FMFL.KAFZM/3-FMK-005/00                                                                                                                                                                                                                                                                                                                                                                    |     | <b>Course title:</b><br>Boundary Atmospheric Layer Physics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                           |     |                                                            |     |     |     |
| <b>Number of credits:</b> 6                                                                                                                                                                                                                                                                                                                                                                                     |     |                                                            |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                 |     |                                                            |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                  |     |                                                            |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                           |     |                                                            |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                     |     |                                                            |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                       |     |                                                            |     |     |     |
| <b>Class syllabus:</b><br>Turbulent state of the atmosphere, the vertical profiles of some meteorological elements in the boundary and surface atmospheric layers, model computation of the energy balance components, motion equations for average input parameters.<br>Outline covers generally whole contemporary scope of this lecture. Choice from given themes make supervisor in compliance with thesis. |     |                                                            |     |     |     |
| <b>Recommended literature:</b><br>Tomlain, J., Damborská I.: Fyzika hraničnej vrstvy atmosféry. Univerzita Komenského, Bratislava 1999, 132 s.<br>Bednář J., Zikmunda, O.: Fyzika mezní vrstvy atmosféry. Academia, Praha 1985, 248 s.<br>Journal „Boundary Layer Meteorology“<br>Contributions in the foreign special and scientific journals                                                                  |     |                                                            |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                              |     |                                                            |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                   |     |                                                            |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                                                                                                                                                                                                         |     |                                                            |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                               | B   | C                                                          | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                                                                                                                                                                                                             | 0,0 | 0,0                                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Martin Gera, PhD., RNDr. Ingrid Damborská, CSc.                                                                                                                                                                                                                                                                                                                                    |     |                                                            |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                                                                                                                                                                                                                  |     |                                                            |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                                                                                                                                                                                                             |     |                                                            |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |     |                                                                   |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |     |                                                                   |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                       |     |                                                                   |     |     |     |
| <b>Course ID:</b><br>FMFI.KAFZM/3-FEN-009/15                                                                                                                                                                          |     | <b>Course title:</b><br>Chemical Pollution of Air, Water and Soil |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                                   |     |     |     |
| <b>Number of credits:</b> 8                                                                                                                                                                                           |     |                                                                   |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                       |     |                                                                   |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                        |     |                                                                   |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |     |                                                                   |     |     |     |
| <b>Antirequisites:</b> FMFI.KAFZM/3-FEN-009/10                                                                                                                                                                        |     |                                                                   |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |     |                                                                   |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |     |                                                                   |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |     |                                                                   |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |     |                                                                   |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |     |                                                                   |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |     |                                                                   |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                                               |     |                                                                   |     |     |     |
| A                                                                                                                                                                                                                     | B   | C                                                                 | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                 | 0,0 | 0,0                                                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Zdenko Machala, PhD., RNDr. Martin Kremler, PhD.                                                                                                                                         |     |                                                                   |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                        |     |                                                                   |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                   |     |                                                                   |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                          |     |                                                                       |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                     |     |                                                                       |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                                          |     |                                                                       |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-003/10                                                                                                                                                                                              |     | <b>Course title:</b><br>Climate Change, Their Causes and Consequences |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar / lecture<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, distance learning |     |                                                                       |     |     |     |
| <b>Number of credits:</b> 10                                                                                                                                                                                                             |     |                                                                       |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                          |     |                                                                       |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                                           |     |                                                                       |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                    |     |                                                                       |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                              |     |                                                                       |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                |     |                                                                       |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                   |     |                                                                       |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                           |     |                                                                       |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                       |     |                                                                       |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                            |     |                                                                       |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                                                                                  |     |                                                                       |     |     |     |
| A                                                                                                                                                                                                                                        | B   | C                                                                     | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                    | 0,0 | 0,0                                                                   | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Milan Lapin, CSc.                                                                                                                                                                                          |     |                                                                       |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                                           |     |                                                                       |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                                      |     |                                                                       |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                                               |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                                               |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                          |     |                                                               |     |     |     |
| <b>Course ID:</b><br>FMFL.KJP/3-MXX-101/15                                                                                                                                                                               |     | <b>Course title:</b><br>Course of English for PhD Studies (1) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                               |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                                                              |     |                                                               |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                          |     |                                                               |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                           |     |                                                               |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                                               |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                                               |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                                               |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                                               |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                                               |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                                               |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                                               |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 27                                                                                                                                                 |     |                                                               |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                                             | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                    | 0,0 | 0,0                                                           | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PhDr. Alena Zemanová                                                                                                                                                                                   |     |                                                               |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                           |     |                                                               |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                      |     |                                                               |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                                               |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                                               |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                          |     |                                                               |     |     |     |
| <b>Course ID:</b><br>FMFL.KJP/3-MXX-102/15                                                                                                                                                                               |     | <b>Course title:</b><br>Course of English for PhD Studies (1) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                               |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                                                              |     |                                                               |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                          |     |                                                               |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                           |     |                                                               |     |     |     |
| <b>Prerequisites:</b> FMFL.KJP/3-MXX-101/15 - Course of English for PhD Studies (1)                                                                                                                                      |     |                                                               |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                                               |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                                               |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                                               |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                                               |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                                               |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                                               |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 38                                                                                                                                                 |     |                                                               |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                                             | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                    | 0,0 | 0,0                                                           | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> PhDr. Alena Zemanová                                                                                                                                                                                   |     |                                                               |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                           |     |                                                               |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                      |     |                                                               |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |     |                                                |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |     |                                                |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                       |     |                                                |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-203/10                                                                                                                                                                           |     | <b>Course title:</b><br>Department Seminar (1) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                           |     |                                                |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                       |     |                                                |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                        |     |                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |     |                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |     |                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |     |                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |     |                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |     |                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |     |                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |     |                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 8                                                                                                                                               |     |                                                |     |     |     |
| A                                                                                                                                                                                                                     | B   | C                                              | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                 | 0,0 | 0,0                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                                                     |     |                                                |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                        |     |                                                |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                   |     |                                                |     |     |     |



## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |     |                                                |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |     |                                                |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                       |     |                                                |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-204/10                                                                                                                                                                           |     | <b>Course title:</b><br>Department Seminar (2) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                           |     |                                                |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                       |     |                                                |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                        |     |                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |     |                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |     |                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |     |                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |     |                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |     |                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |     |                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |     |                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 8                                                                                                                                               |     |                                                |     |     |     |
| A                                                                                                                                                                                                                     | B   | C                                              | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                 | 0,0 | 0,0                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                                                     |     |                                                |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                        |     |                                                |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                   |     |                                                |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |     |                                                |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |     |                                                |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                       |     |                                                |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-205/10                                                                                                                                                                           |     | <b>Course title:</b><br>Department Seminar (3) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                           |     |                                                |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                       |     |                                                |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                        |     |                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |     |                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |     |                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |     |                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |     |                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |     |                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |     |                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |     |                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 11                                                                                                                                              |     |                                                |     |     |     |
| A                                                                                                                                                                                                                     | B   | C                                              | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                 | 0,0 | 0,0                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                                                     |     |                                                |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                        |     |                                                |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                   |     |                                                |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |     |                                                |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |     |                                                |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                       |     |                                                |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-206/10                                                                                                                                                                           |     | <b>Course title:</b><br>Department Seminar (4) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                           |     |                                                |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                       |     |                                                |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                        |     |                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |     |                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |     |                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |     |                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |     |                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |     |                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |     |                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |     |                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 9                                                                                                                                               |     |                                                |     |     |     |
| A                                                                                                                                                                                                                     | B   | C                                              | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                 | 0,0 | 0,0                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                                                     |     |                                                |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                        |     |                                                |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                   |     |                                                |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                   |     |                                                                                       |     |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                              |     |                                                                                       |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                   |     |                                                                                       |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-705/10                                                                                                                                                       |     | <b>Course title:</b><br>Development of Novel Software Product Linked with PhD Project |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning |     |                                                                                       |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                       |     |                                                                                       |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                                      |     |                                                                                       |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                    |     |                                                                                       |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                             |     |                                                                                       |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                       |     |                                                                                       |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                         |     |                                                                                       |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                            |     |                                                                                       |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                    |     |                                                                                       |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |     |                                                                                       |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                     |     |                                                                                       |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                           |     |                                                                                       |     |     |     |
| A                                                                                                                                                                                                 | B   | C                                                                                     | D   | E   | FX  |
| 100,0                                                                                                                                                                                             | 0,0 | 0,0                                                                                   | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                                 |     |                                                                                       |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |     |                                                                                       |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                               |     |                                                                                       |     |     |     |

## STATE EXAM DESCRIPTION

|                                                      |                                                     |
|------------------------------------------------------|-----------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                                     |
| <b>Faculty:</b>                                      |                                                     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-990/15          | <b>Course title:</b><br>Dissertation Thesis Defense |
| <b>Number of credits:</b> 30                         |                                                     |
| <b>Recommended semester:</b> 7., 8..                 |                                                     |
| <b>Educational level:</b> III.                       |                                                     |
| <b>State exam syllabus:</b>                          |                                                     |
| <b>Last change:</b> 02.06.2015                       |                                                     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.  |                                                     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |     |                                                          |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |     |                                                          |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                       |     |                                                          |     |     |     |
| <b>Course ID:</b><br>FMFI.KJFB/3-FEN-008/15                                                                                                                                                                           |     | <b>Course title:</b><br>Energy Resources and Environment |     |     |     |
| <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, distance learning |     |                                                          |     |     |     |
| <b>Number of credits:</b> 6                                                                                                                                                                                           |     |                                                          |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                       |     |                                                          |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                        |     |                                                          |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |     |                                                          |     |     |     |
| <b>Antirequisites:</b> FMFI.KJFB/3-FEN-008/10                                                                                                                                                                         |     |                                                          |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |     |                                                          |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |     |                                                          |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |     |                                                          |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |     |                                                          |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |     |                                                          |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |     |                                                          |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 9                                                                                                                                               |     |                                                          |     |     |     |
| A                                                                                                                                                                                                                     | B   | C                                                        | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                 | 0,0 | 0,0                                                      | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Pavel Povinec, DrSc., doc. RNDr. Jaroslav Staníček, PhD., RNDr. Alexander Šivo, PhD.                                                                                                    |     |                                                          |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                        |     |                                                          |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                   |     |                                                          |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                          |     |                                                        |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                     |     |                                                        |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                                          |     |                                                        |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-011/15                                                                                                                                                                                              |     | <b>Course title:</b><br>English Seminar on Environment |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar / lecture<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, distance learning |     |                                                        |     |     |     |
| <b>Number of credits:</b> 10                                                                                                                                                                                                             |     |                                                        |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                          |     |                                                        |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                                           |     |                                                        |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                    |     |                                                        |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                              |     |                                                        |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                |     |                                                        |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                   |     |                                                        |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                           |     |                                                        |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                       |     |                                                        |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                            |     |                                                        |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                                                                  |     |                                                        |     |     |     |
| A                                                                                                                                                                                                                                        | B   | C                                                      | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                    | 0,0 | 0,0                                                    | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Jozef Masarik, DrSc., prof. RNDr. Pavel Povinec, DrSc.                                                                                                                                                     |     |                                                        |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                                           |     |                                                        |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                                      |     |                                                        |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                          |     |                                                  |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                     |     |                                                  |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                                          |     |                                                  |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-013/15                                                                                                                                                                                              |     | <b>Course title:</b><br>Environmental Biophysics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar / lecture<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, distance learning |     |                                                  |     |     |     |
| <b>Number of credits:</b> 10                                                                                                                                                                                                             |     |                                                  |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                          |     |                                                  |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                                           |     |                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                    |     |                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                              |     |                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                |     |                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                   |     |                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                           |     |                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                       |     |                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                            |     |                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                                  |     |                                                  |     |     |     |
| A                                                                                                                                                                                                                                        | B   | C                                                | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                                      | 0,0 | 0,0                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Melánia Babincová, DrSc.                                                                                                                                                                                   |     |                                                  |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                                           |     |                                                  |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                                      |     |                                                  |     |     |     |



## COURSE DESCRIPTION

|                                                                                                                                                                                                                                          |     |                                                            |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                     |     |                                                            |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                                          |     |                                                            |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-002/10                                                                                                                                                                                              |     | <b>Course title:</b><br>Environmental Systems Interactions |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar / lecture<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, distance learning |     |                                                            |     |     |     |
| <b>Number of credits:</b> 10                                                                                                                                                                                                             |     |                                                            |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                          |     |                                                            |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                                           |     |                                                            |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                    |     |                                                            |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                              |     |                                                            |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                |     |                                                            |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                   |     |                                                            |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                           |     |                                                            |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                       |     |                                                            |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                            |     |                                                            |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                                                                  |     |                                                            |     |     |     |
| A                                                                                                                                                                                                                                        | B   | C                                                          | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                    | 0,0 | 0,0                                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Jaroslav Staníček, PhD., doc. RNDr. Ivan Sýkora, PhD.                                                                                                                                                       |     |                                                            |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                                           |     |                                                            |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                                      |     |                                                            |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                          |       |                                                                       |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                     |       |                                                                       |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                                          |       |                                                                       |     |     |     |
| <b>Course ID:</b><br>FMFI.KJFB/3-FEN-004/15                                                                                                                                                                                              |       | <b>Course title:</b><br>Experimental Methods in Environmental Physics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar / lecture<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, distance learning |       |                                                                       |     |     |     |
| <b>Number of credits:</b> 10                                                                                                                                                                                                             |       |                                                                       |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                          |       |                                                                       |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                                           |       |                                                                       |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                    |       |                                                                       |     |     |     |
| <b>Antirequisites:</b> FMFI.KJFB/3-FEN-004/10                                                                                                                                                                                            |       |                                                                       |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                              |       |                                                                       |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                |       |                                                                       |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                   |       |                                                                       |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                           |       |                                                                       |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                       |       |                                                                       |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                            |       |                                                                       |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 6                                                                                                                                                                  |       |                                                                       |     |     |     |
| A                                                                                                                                                                                                                                        | B     | C                                                                     | D   | E   | FX  |
| 66,67                                                                                                                                                                                                                                    | 16,67 | 16,67                                                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Karol Holý, CSc., doc. RNDr. Ivan Sýkora, PhD.                                                                                                                                                              |       |                                                                       |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                                           |       |                                                                       |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                                      |       |                                                                       |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                    |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                    |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                    |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-703/10                                                                                                                                                  |     | <b>Course title:</b><br>Home Project Co-researcher |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                    |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                  |     |                                                    |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                                 |     |                                                    |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 11                                                                                                                     |     |                                                    |     |     |     |
| A                                                                                                                                                                                            | B   | C                                                  | D   | E   | FX  |
| 100,0                                                                                                                                                                                        | 0,0 | 0,0                                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                    |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                    |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                    |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                  |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                  |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                  |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-301/10                                                                                                                                                  |     | <b>Course title:</b><br>Independent Research (1) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                  |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                                  |     |                                                  |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                              |     |                                                  |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 11                                                                                                                     |     |                                                  |     |     |     |
| A                                                                                                                                                                                            | B   | C                                                | D   | E   | FX  |
| 100,0                                                                                                                                                                                        | 0,0 | 0,0                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                  |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                  |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                  |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                  |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                  |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-302/10                                                                                                                                                  |     | <b>Course title:</b><br>Independent Research (2) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                  |     |     |     |
| <b>Number of credits:</b> 10                                                                                                                                                                 |     |                                                  |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                              |     |                                                  |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 11                                                                                                                     |     |                                                  |     |     |     |
| A                                                                                                                                                                                            | B   | C                                                | D   | E   | FX  |
| 100,0                                                                                                                                                                                        | 0,0 | 0,0                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                  |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                  |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                  |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                  |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                  |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-303/10                                                                                                                                                  |     | <b>Course title:</b><br>Independent Research (3) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                  |     |     |     |
| <b>Number of credits:</b> 10                                                                                                                                                                 |     |                                                  |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                              |     |                                                  |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 8                                                                                                                      |     |                                                  |     |     |     |
| A                                                                                                                                                                                            | B   | C                                                | D   | E   | FX  |
| 100,0                                                                                                                                                                                        | 0,0 | 0,0                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                  |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                  |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                  |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                  |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                  |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-304/10                                                                                                                                                  |     | <b>Course title:</b><br>Independent Research (4) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                  |     |     |     |
| <b>Number of credits:</b> 15                                                                                                                                                                 |     |                                                  |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                              |     |                                                  |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 8                                                                                                                      |     |                                                  |     |     |     |
| A                                                                                                                                                                                            | B   | C                                                | D   | E   | FX  |
| 100,0                                                                                                                                                                                        | 0,0 | 0,0                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                  |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                  |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                  |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                  |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                  |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-305/10                                                                                                                                                  |     | <b>Course title:</b><br>Independent Research (5) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                  |     |     |     |
| <b>Number of credits:</b> 15                                                                                                                                                                 |     |                                                  |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                              |     |                                                  |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 8                                                                                                                      |     |                                                  |     |     |     |
| A                                                                                                                                                                                            | B   | C                                                | D   | E   | FX  |
| 100,0                                                                                                                                                                                        | 0,0 | 0,0                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                  |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                  |     |     |     |



## COURSE DESCRIPTION

|                                                                                                                                                                                                   |     |                                                  |     |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                              |     |                                                  |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                   |     |                                                  |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-306/10                                                                                                                                                       |     | <b>Course title:</b><br>Independent Research (6) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning |     |                                                  |     |     |     |
| <b>Number of credits:</b> 15                                                                                                                                                                      |     |                                                  |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                   |     |                                                  |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                    |     |                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                             |     |                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                       |     |                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                         |     |                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                            |     |                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                    |     |                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |     |                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                     |     |                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 6                                                                                                                           |     |                                                  |     |     |     |
| A                                                                                                                                                                                                 | B   | C                                                | D   | E   | FX  |
| 100,0                                                                                                                                                                                             | 0,0 | 0,0                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                                 |     |                                                  |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |     |                                                  |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                               |     |                                                  |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                  |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                  |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                  |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-307/10                                                                                                                                                  |     | <b>Course title:</b><br>Independent Research (7) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                  |     |     |     |
| <b>Number of credits:</b> 15                                                                                                                                                                 |     |                                                  |     |     |     |
| <b>Recommended semester:</b> 7.                                                                                                                                                              |     |                                                  |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 5                                                                                                                      |     |                                                  |     |     |     |
| A                                                                                                                                                                                            | B   | C                                                | D   | E   | FX  |
| 100,0                                                                                                                                                                                        | 0,0 | 0,0                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                  |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                  |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                  |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                                                |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                                                |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                                                |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-101/15                                                                                                                                                  |     | <b>Course title:</b><br>Individual Study of Science and Research Resources (1) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                                                |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                                  |     |                                                                                |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                              |     |                                                                                |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 10                                                                                                                     |     |                                                                                |     |     |     |
| A                                                                                                                                                                                            | B   | C                                                                              | D   | E   | FX  |
| 100,0                                                                                                                                                                                        | 0,0 | 0,0                                                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                                                |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                                                |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                                                |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                   |     |                                                                                |     |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                              |     |                                                                                |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                   |     |                                                                                |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-102/15                                                                                                                                                       |     | <b>Course title:</b><br>Individual Study of Science and Research Resources (2) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning |     |                                                                                |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                                       |     |                                                                                |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                   |     |                                                                                |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                    |     |                                                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                             |     |                                                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                       |     |                                                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                         |     |                                                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                            |     |                                                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                    |     |                                                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |     |                                                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                     |     |                                                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 9                                                                                                                           |     |                                                                                |     |     |     |
| A                                                                                                                                                                                                 | B   | C                                                                              | D   | E   | FX  |
| 100,0                                                                                                                                                                                             | 0,0 | 0,0                                                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                                 |     |                                                                                |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |     |                                                                                |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                               |     |                                                                                |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                   |     |                                                                                |     |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                              |     |                                                                                |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                   |     |                                                                                |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-103/15                                                                                                                                                       |     | <b>Course title:</b><br>Individual Study of Science and Research Resources (3) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning |     |                                                                                |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                                       |     |                                                                                |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                   |     |                                                                                |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                    |     |                                                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                             |     |                                                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                       |     |                                                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                         |     |                                                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                            |     |                                                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                    |     |                                                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |     |                                                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                     |     |                                                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 8                                                                                                                           |     |                                                                                |     |     |     |
| A                                                                                                                                                                                                 | B   | C                                                                              | D   | E   | FX  |
| 100,0                                                                                                                                                                                             | 0,0 | 0,0                                                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                                 |     |                                                                                |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |     |                                                                                |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                               |     |                                                                                |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                   |     |                                                                                |     |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                              |     |                                                                                |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                   |     |                                                                                |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-104/15                                                                                                                                                       |     | <b>Course title:</b><br>Individual Study of Science and Research Resources (4) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning |     |                                                                                |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                                       |     |                                                                                |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                   |     |                                                                                |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                    |     |                                                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                             |     |                                                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                       |     |                                                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                         |     |                                                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                            |     |                                                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                    |     |                                                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |     |                                                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                     |     |                                                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 8                                                                                                                           |     |                                                                                |     |     |     |
| A                                                                                                                                                                                                 | B   | C                                                                              | D   | E   | FX  |
| 100,0                                                                                                                                                                                             | 0,0 | 0,0                                                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                                 |     |                                                                                |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |     |                                                                                |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                               |     |                                                                                |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                             |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                             |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                             |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-702/10                                                                                                                                                  |     | <b>Course title:</b><br>International Project Co-researcher |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                             |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                                  |     |                                                             |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                                 |     |                                                             |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                             |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                             |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                             |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                             |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                             |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                             |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                             |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                             |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                                      |     |                                                             |     |     |     |
| A                                                                                                                                                                                            | B   | C                                                           | D   | E   | FX  |
| 100,0                                                                                                                                                                                        | 0,0 | 0,0                                                         | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                             |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                             |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                             |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                   |     |                                                                                           |     |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                              |     |                                                                                           |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                   |     |                                                                                           |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-704/10                                                                                                                                                       |     | <b>Course title:</b><br>Introduction of Novel Experimental Method Linked with PhD Project |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning |     |                                                                                           |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                       |     |                                                                                           |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                                      |     |                                                                                           |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                    |     |                                                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                             |     |                                                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                       |     |                                                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                         |     |                                                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                            |     |                                                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                    |     |                                                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |     |                                                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                     |     |                                                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                           |     |                                                                                           |     |     |     |
| A                                                                                                                                                                                                 | B   | C                                                                                         | D   | E   | FX  |
| 100,0                                                                                                                                                                                             | 0,0 | 0,0                                                                                       | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                                 |     |                                                                                           |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |     |                                                                                           |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                               |     |                                                                                           |     |     |     |



## COURSE DESCRIPTION

|                                                                                                                                                                                                                                          |     |                                                                                    |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                     |     |                                                                                    |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                                          |     |                                                                                    |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-006/10                                                                                                                                                                                              |     | <b>Course title:</b><br>Isotopic Technologies and Tracers in Environmental Studies |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar / lecture<br><b>Number of hours:</b><br><b>per week:</b> 3 / 1 <b>per level/semester:</b> 42 / 14<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                                                    |     |     |     |
| <b>Number of credits:</b> 10                                                                                                                                                                                                             |     |                                                                                    |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                          |     |                                                                                    |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                                           |     |                                                                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                    |     |                                                                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                              |     |                                                                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                |     |                                                                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                   |     |                                                                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                           |     |                                                                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                       |     |                                                                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                            |     |                                                                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                                                                  |     |                                                                                    |     |     |     |
| A                                                                                                                                                                                                                                        | B   | C                                                                                  | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                    | 0,0 | 0,0                                                                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Karol Holý, CSc., RNDr. Martin Bulko, PhD.                                                                                                                                                                  |     |                                                                                    |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                                           |     |                                                                                    |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                                      |     |                                                                                    |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                          |     |                                                            |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                     |     |                                                            |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                                          |     |                                                            |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-001/10                                                                                                                                                                                              |     | <b>Course title:</b><br>Modelling in Environmental Physics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 3 <b>per level/semester:</b> 14 / 42<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                            |     |     |     |
| <b>Number of credits:</b> 10                                                                                                                                                                                                             |     |                                                            |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                          |     |                                                            |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                                           |     |                                                            |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                    |     |                                                            |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                              |     |                                                            |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                |     |                                                            |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                   |     |                                                            |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                           |     |                                                            |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                       |     |                                                            |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                            |     |                                                            |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                                                                                  |     |                                                            |     |     |     |
| A                                                                                                                                                                                                                                        | B   | C                                                          | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                    | 0,0 | 0,0                                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Jozef Masarik, DrSc.                                                                                                                                                                                       |     |                                                            |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                                           |     |                                                            |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                                      |     |                                                            |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                          |     |                                                                   |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                     |     |                                                                   |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                                          |     |                                                                   |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-007/10                                                                                                                                                                                              |     | <b>Course title:</b><br>Nanotechnologies in Environmental Physics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar / lecture<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, distance learning |     |                                                                   |     |     |     |
| <b>Number of credits:</b> 10                                                                                                                                                                                                             |     |                                                                   |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                          |     |                                                                   |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                                           |     |                                                                   |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                    |     |                                                                   |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                              |     |                                                                   |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                |     |                                                                   |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                   |     |                                                                   |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                           |     |                                                                   |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                       |     |                                                                   |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                            |     |                                                                   |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                                  |     |                                                                   |     |     |     |
| A                                                                                                                                                                                                                                        | B   | C                                                                 | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                                      | 0,0 | 0,0                                                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                                        |     |                                                                   |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                                           |     |                                                                   |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                                      |     |                                                                   |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                      |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                      |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                      |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-701/10                                                                                                                                                  |     | <b>Course title:</b><br>Obtaining a University Grant |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                      |     |     |     |
| <b>Number of credits:</b> 10                                                                                                                                                                 |     |                                                      |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                                 |     |                                                      |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                      |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                      |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                      |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                      |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                      |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                      |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                      |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                      |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 5                                                                                                                      |     |                                                      |     |     |     |
| A                                                                                                                                                                                            | B   | C                                                    | D   | E   | FX  |
| 100,0                                                                                                                                                                                        | 0,0 | 0,0                                                  | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                      |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                      |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                      |     |     |     |

## STATE EXAM DESCRIPTION

|                                                      |                                                          |
|------------------------------------------------------|----------------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                                          |
| <b>Faculty:</b>                                      |                                                          |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-950/15          | <b>Course title:</b><br>Passing Dissertation Examination |
| <b>Number of credits:</b> 20                         |                                                          |
| <b>Recommended semester:</b> 3., 4..                 |                                                          |
| <b>Educational level:</b> III.                       |                                                          |
| <b>State exam syllabus:</b>                          |                                                          |
| <b>Last change:</b> 02.06.2015                       |                                                          |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.  |                                                          |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                           |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                           |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                           |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-502/10                                                                                                                                                  |     | <b>Course title:</b><br>Presentation at a Home Conference |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                           |     |     |     |
| <b>Number of credits:</b> 8                                                                                                                                                                  |     |                                                           |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                                 |     |                                                           |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                      |     |                                                           |     |     |     |
| A                                                                                                                                                                                            | B   | C                                                         | D   | E   | FX  |
| 100,0                                                                                                                                                                                        | 0,0 | 0,0                                                       | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                           |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                           |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                           |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                                     |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                                     |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                                     |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-501/10                                                                                                                                                  |     | <b>Course title:</b><br>Presentation at an International Conference |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                                     |     |     |     |
| <b>Number of credits:</b> 15                                                                                                                                                                 |     |                                                                     |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                                 |     |                                                                     |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                                     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                                     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                                     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                                     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                                     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                                     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                                     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                                     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                      |     |                                                                     |     |     |     |
| A                                                                                                                                                                                            | B   | C                                                                   | D   | E   | FX  |
| 100,0                                                                                                                                                                                        | 0,0 | 0,0                                                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                                     |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                                     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                                     |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                          |     |                                                           |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                     |     |                                                           |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                                          |     |                                                           |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-010/10                                                                                                                                                                                              |     | <b>Course title:</b><br>Preservation of Total Environment |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar / lecture<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, distance learning |     |                                                           |     |     |     |
| <b>Number of credits:</b> 8                                                                                                                                                                                                              |     |                                                           |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                          |     |                                                           |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                                           |     |                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                    |     |                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                              |     |                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                |     |                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                   |     |                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                           |     |                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                       |     |                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                            |     |                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 6                                                                                                                                                                  |     |                                                           |     |     |     |
| A                                                                                                                                                                                                                                        | B   | C                                                         | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                    | 0,0 | 0,0                                                       | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Karol Hensel, PhD., Ing. Jakub Kaizer, PhD.                                                                                                                                                                 |     |                                                           |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                                           |     |                                                           |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                                      |     |                                                           |     |     |     |



## COURSE DESCRIPTION

|                                                                                                                                                                                                   |     |                                                              |     |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                              |     |                                                              |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                   |     |                                                              |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-409/15                                                                                                                                                       |     | <b>Course title:</b><br>Publication in a Reviewed Periodical |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning |     |                                                              |     |     |     |
| <b>Number of credits:</b> 15                                                                                                                                                                      |     |                                                              |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                                      |     |                                                              |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                    |     |                                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                             |     |                                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                       |     |                                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                         |     |                                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                            |     |                                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                    |     |                                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |     |                                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                     |     |                                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                                           |     |                                                              |     |     |     |
| A                                                                                                                                                                                                 | B   | C                                                            | D   | E   | FX  |
| 100,0                                                                                                                                                                                             | 0,0 | 0,0                                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                                 |     |                                                              |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |     |                                                              |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                               |     |                                                              |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                                 |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                                 |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                                 |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-408/15                                                                                                                                                  |     | <b>Course title:</b><br>Publication in an A-category Periodical |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                                 |     |     |     |
| <b>Number of credits:</b> 30                                                                                                                                                                 |     |                                                                 |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                                 |     |                                                                 |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                                 |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                                 |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                                 |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                                 |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                                 |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                                 |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                                 |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                                 |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                                      |     |                                                                 |     |     |     |
| A                                                                                                                                                                                            | B   | C                                                               | D   | E   | FX  |
| 100,0                                                                                                                                                                                        | 0,0 | 0,0                                                             | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                                 |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                                 |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                                 |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                                      |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                                      |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                                      |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-410/15                                                                                                                                                  |     | <b>Course title:</b><br>Response to a o1 and o2 Category Publication |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                                      |     |     |     |
| <b>Number of credits:</b> 6                                                                                                                                                                  |     |                                                                      |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                                 |     |                                                                      |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                                      |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                                      |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                                      |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                                      |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                                      |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                                      |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                                      |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                                      |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                      |     |                                                                      |     |     |     |
| A                                                                                                                                                                                            | B   | C                                                                    | D   | E   | FX  |
| 0,0                                                                                                                                                                                          | 0,0 | 0,0                                                                  | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                                      |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                                      |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                                      |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                          |     |                                                         |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                     |     |                                                         |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                                          |     |                                                         |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-005/10                                                                                                                                                                                              |     | <b>Course title:</b><br>Satellite Research of the Earth |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                         |     |     |     |
| <b>Number of credits:</b> 8                                                                                                                                                                                                              |     |                                                         |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                          |     |                                                         |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                                           |     |                                                         |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                    |     |                                                         |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                              |     |                                                         |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                |     |                                                         |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                   |     |                                                         |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                           |     |                                                         |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                       |     |                                                         |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                            |     |                                                         |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                                  |     |                                                         |     |     |     |
| A                                                                                                                                                                                                                                        | B   | C                                                       | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                                      | 0,0 | 0,0                                                     | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Marián Jurášek                                                                                                                                                                                                    |     |                                                         |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                                           |     |                                                         |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                                      |     |                                                         |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                                |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                                |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                                |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-801/10                                                                                                                                                  |     | <b>Course title:</b><br>Supervising and Demonstrating Work (1) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                                |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                                  |     |                                                                |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                                 |     |                                                                |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 5                                                                                                                      |     |                                                                |     |     |     |
| A                                                                                                                                                                                            | B   | C                                                              | D   | E   | FX  |
| 100,0                                                                                                                                                                                        | 0,0 | 0,0                                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                                |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                                |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                                |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                              |     |                                                                |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                         |     |                                                                |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                              |     |                                                                |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-802/10                                                                                                                                                  |     | <b>Course title:</b><br>Supervising and Demonstrating Work (2) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br>per week:   per level/semester:<br><b>Form of the course:</b> on-site learning, distance learning |     |                                                                |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                                  |     |                                                                |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                                 |     |                                                                |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                               |     |                                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                        |     |                                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                  |     |                                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                    |     |                                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                       |     |                                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                               |     |                                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                           |     |                                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                |     |                                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                      |     |                                                                |     |     |     |
| A                                                                                                                                                                                            | B   | C                                                              | D   | E   | FX  |
| 100,0                                                                                                                                                                                        | 0,0 | 0,0                                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                            |     |                                                                |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                               |     |                                                                |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                          |     |                                                                |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                        |     |                                                                       |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                                   |     |                                                                       |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                                                                        |     |                                                                       |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-012/15                                                                                                                                                                                                            |     | <b>Course title:</b><br>Use of Accelerators in Environmental Research |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> laboratory practicals / lecture<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, distance learning |     |                                                                       |     |     |     |
| <b>Number of credits:</b> 10                                                                                                                                                                                                                           |     |                                                                       |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                        |     |                                                                       |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                                                                         |     |                                                                       |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                  |     |                                                                       |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                            |     |                                                                       |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                              |     |                                                                       |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                 |     |                                                                       |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                         |     |                                                                       |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                     |     |                                                                       |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                          |     |                                                                       |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                                                |     |                                                                       |     |     |     |
| A                                                                                                                                                                                                                                                      | B   | C                                                                     | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                                                    | 0,0 | 0,0                                                                   | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Miroslav Jeřkovský, PhD., prof. RNDr. Pavel Povinec, DrSc.                                                                                                                                                                     |     |                                                                       |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                                                         |     |                                                                       |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                                                                                    |     |                                                                       |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                   |     |                                                                           |     |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                              |     |                                                                           |     |     |     |
| <b>Faculty:</b>                                                                                                                                                                                   |     |                                                                           |     |     |     |
| <b>Course ID:</b><br>FMFL.KJFB/3-FEN-808/15                                                                                                                                                       |     | <b>Course title:</b><br>Writing BSc or Diploma Thesis Assessment Protocol |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning |     |                                                                           |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                       |     |                                                                           |     |     |     |
| <b>Recommended semester:</b>                                                                                                                                                                      |     |                                                                           |     |     |     |
| <b>Educational level:</b> III.                                                                                                                                                                    |     |                                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                             |     |                                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                       |     |                                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                         |     |                                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                            |     |                                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                    |     |                                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |     |                                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                     |     |                                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                           |     |                                                                           |     |     |     |
| A                                                                                                                                                                                                 | B   | C                                                                         | D   | E   | FX  |
| 100,0                                                                                                                                                                                             | 0,0 | 0,0                                                                       | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b>                                                                                                                                                                                 |     |                                                                           |     |     |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                    |     |                                                                           |     |     |     |
| <b>Approved by:</b> prof. RNDr. Peter Babinec, CSc.                                                                                                                                               |     |                                                                           |     |     |     |