

## Course descriptions

### TABLE OF CONTENTS

|                   |                                                                      |    |
|-------------------|----------------------------------------------------------------------|----|
| 1. N-bGIH-025/16  | Advanced laboratory methods in engineering geology.....              | 4  |
| 2. N-bGMP-004/15  | Analytical Methods in Geology.....                                   | 5  |
| 3. N-bGXX-033/15  | Application of Geophysical Methods in Geology.....                   | 6  |
| 4. N-bGAF-030/16  | Application of geophysical methods in environmental geology.....     | 7  |
| 5. N-bGAF-002/18  | Applied Mathematics.....                                             | 8  |
| 6. N-bGAF-004/15  | Applied Physics.....                                                 | 9  |
| 7. N-bGVT-901/16  | Bachelor thesis in Dynamic Geology.....                              | 10 |
| 8. N-bGCH-902/16  | Bachelor Dissertation Seminar in Geochemistry.....                   | 11 |
| 9. N-bGZL-902/16  | Bachelor Dissertation Seminar in Geology of Deposits.....            | 12 |
| 10. N-bGPA-902/16 | Bachelor Dissertation Seminary in Palaeontology.....                 | 13 |
| 11. N-bGZL-900/16 | Bachelor Dissertation in Economic Geology.....                       | 14 |
| 12. N-bGCH-900/16 | Bachelor Dissertation in Geochemistry.....                           | 15 |
| 13. N-bOBH-100/15 | Bachelor Thesis Defence ( <b>state exam</b> ).....                   | 16 |
| 14. N-bOBH-100/15 | Bachelor Thesis Defence ( <b>state exam</b> ).....                   | 17 |
| 15. N-bOBH-100/15 | Bachelor Thesis Defence ( <b>state exam</b> ).....                   | 18 |
| 16. N-bOBH-100/15 | Bachelor Thesis Defense ( <b>state exam</b> ).....                   | 19 |
| 17. N-bOBH-100/15 | Bachelor Thesis Defense ( <b>state exam</b> ).....                   | 20 |
| 18. N-bOBH-100/15 | Bachelor Thesis Defense ( <b>state exam</b> ).....                   | 21 |
| 19. N-bOBH-100/15 | Bachelor Thesis Defense ( <b>state exam</b> ).....                   | 22 |
| 20. N-bGDG-902/16 | Bachelor Thesis Seminar in Dynamic Geology.....                      | 23 |
| 21. N-bGIH-902/16 | Bachelor Thesis Seminar in Engineering Geology and Hydrogeology..... | 24 |
| 22. N-bGEG-902/16 | Bachelor Thesis Seminar in Environmental Geology.....                | 25 |
| 23. N-bGMP-902/16 | Bachelor Thesis Seminar in Mineralogy and Petrology.....             | 26 |
| 24. N-bGAF-900/16 | Bachelor Thesis in Applied and Environmental Geophysics.....         | 27 |
| 25. N-bGIH-900/16 | Bachelor Thesis in Engineering Geology and Hydrogeology.....         | 28 |
| 26. N-bGEG-900/16 | Bachelor Thesis in Environmental Geology.....                        | 29 |
| 27. N-bGMP-900/16 | Bachelor Thesis in Mineralogy and Petrology.....                     | 30 |
| 28. N-bGPA-900/16 | Bachelor thesis in Palaeobiology.....                                | 31 |
| 29. N-bGXX-001/15 | Basics in Geochemistry.....                                          | 32 |
| 30. N-bGMP-014/16 | Basics of Environmental Mineralogy.....                              | 33 |
| 31. N-bGMP-010/15 | Basics of Gemology.....                                              | 34 |
| 32. N-bGXX-373/15 | Basics of analytical geochemistry.....                               | 35 |
| 33. N-bGXX-370/15 | Biochemical processes in soils and sediments.....                    | 36 |
| 34. N-bEXX-011/15 | Biogeochemistry.....                                                 | 37 |
| 35. N-bGXX-028/16 | Biotechnical Slope Stabilization.....                                | 38 |
| 36. N-bGXX-001/15 | Chemistry for Geologists.....                                        | 39 |
| 37. N-bGXX-001/15 | Course in Geodesy.....                                               | 40 |
| 38. N-bGMP-004/15 | Endogenic Geological Processes.....                                  | 41 |
| 39. N-bGXX-031/16 | Environmental Burdens.....                                           | 42 |
| 40. N-bEXX-008/15 | Environmental Soil Science.....                                      | 43 |
| 41. N-bGXX-062/15 | Exogenous geological processes.....                                  | 44 |
| 42. N-bGXX-058/15 | Field course in Geology.....                                         | 45 |
| 43. N-bGDG-005/16 | Field course in Stratigraphy.....                                    | 46 |
| 44. N-bGXX-024/15 | Fossil Fuels and Energetic Resources.....                            | 47 |
| 45. N-bGAF-025/16 | Fractals and Chaos in geology and geophysics.....                    | 48 |
| 46. N-bGXX-031/15 | Fundamentals of Applied Geophysics.....                              | 49 |
| 47. N-bGXX-001/15 | Fundamentals of Hydrogeology.....                                    | 50 |

|                   |                                                                         |    |
|-------------------|-------------------------------------------------------------------------|----|
| 48. N-bEXX-009/15 | Geochemistry and Genesis of Geological and Anthropogenic Materials..... | 51 |
| 49. N-bGXX-032/15 | Geoinformatics.....                                                     | 52 |
| 50. N-bGDG-001/16 | Geological Risks.....                                                   | 53 |
| 51. N-bGXX-061/15 | Geological mapping course.....                                          | 54 |
| 52. N-bGZL-041/16 | Geology of Bohemian Massif.....                                         | 55 |
| 53. N-bUBI-063/15 | Geology of Slovakia.....                                                | 56 |
| 54. N-bGXX-030/15 | Geomorphology and Quaternary.....                                       | 57 |
| 55. N-bGAF-018/15 | Geophysical projects, field works and expeditions.....                  | 58 |
| 56. N-bGAF-006/15 | Geophysics and Geohazards.....                                          | 59 |
| 57. N-bGAF-009/15 | Geophysics and archaeology.....                                         | 60 |
| 58. N-bGZL-100/15 | Historical and stratigraphical geology 1.....                           | 61 |
| 59. N-bGZL-101/15 | Historical and stratigraphical geology 2.....                           | 62 |
| 60. N-bGXX-016/15 | Hydrology for Geologists.....                                           | 63 |
| 61. N-bGZL-011/16 | Industrial Minerals and Rocks Deposits.....                             | 64 |
| 62. N-bGXX-020/15 | Introduction to Engineering Geology.....                                | 65 |
| 63. N-bUBI-001/15 | Introduction to Environmental Geology.....                              | 66 |
| 64. N-bGXX-006/15 | Introduction to Environmental Inorganic Chemistry.....                  | 67 |
| 65. N-bGXX-021/15 | Introduction to GIS in Engineering Geology and Hydrogeology.....        | 68 |
| 66. N-bGXX-001/15 | Introduction to Mining and Drilling.....                                | 69 |
| 67. N-bXDI-004/10 | Introduction to Philosophy (1).....                                     | 70 |
| 68. N-bXDI-005/10 | Introduction to Philosophy (2).....                                     | 71 |
| 69. N-bGPA-108/18 | Marine Sciences, Paleoceanography – proxy, Collecting data.....         | 72 |
| 70. N-bGXX-033/11 | Marine palaeobiology.....                                               | 73 |
| 71. N-bGXX-001/15 | Mathematics (1).....                                                    | 74 |
| 72. N-bGXX-012/15 | Mathematics (2).....                                                    | 75 |
| 73. N-bGCH-030/15 | Medical Geochemistry.....                                               | 76 |
| 74. N-bGXX-372/15 | Methods of Laboratory Research of Natural Materials.....                | 77 |
| 75. N-bGXX-060/15 | Methods of field geological research.....                               | 78 |
| 76. N-bGPA-020/15 | Methods of palaeontological research.....                               | 79 |
| 77. N-bBUB-004/16 | Microbiology of Hydrosphere.....                                        | 80 |
| 78. N-bGXX-001/15 | Microscopic Properties of Minerals.....                                 | 81 |
| 79. N-bGMP-001/15 | Microscopy of Rock-forming Minerals.....                                | 82 |
| 80. N-bGCH-004/15 | Mineral Resources.....                                                  | 83 |
| 81. N-bGXX-022/16 | Mineralogical Seminar.....                                              | 84 |
| 82. N-bGXX-002/15 | Mineralogy (1).....                                                     | 85 |
| 83. N-bGXX-009/15 | Mineralogy (2).....                                                     | 86 |
| 84. N-bGMP-011/15 | Minerals of Slovakia.....                                               | 87 |
| 85. N-bGMP-016/16 | Museology and Protection of Inanimate Natural Materials.....            | 88 |
| 86. N-bGZL-010/16 | Ore Deposits.....                                                       | 89 |
| 87. N-bGXX-028/15 | Organisation of Geological Survey and Legislation.....                  | 90 |
| 88. N-bGDG-002/16 | Orientation Analysis.....                                               | 91 |
| 89. N-bGXX-005/15 | Palaeontology 1.....                                                    | 92 |
| 90. N-bGXX-032/11 | Palaeopalynology.....                                                   | 93 |
| 91. N-bGXX-011/15 | Petrography of Magmatic Rocks.....                                      | 94 |
| 92. N-bGXX-014/15 | Petrography of Metamorphic Rocks.....                                   | 95 |
| 93. N-bGXX-015/15 | Petrography of Sedimentary Rocks.....                                   | 96 |
| 94. N-bGXX-051/15 | Physical Geology Seminar 1.....                                         | 97 |
| 95. N-bGXX-052/15 | Physical Geology Seminar 2.....                                         | 98 |
| 96. N-bGIH-001/15 | Physical and Technical Properties of Rocks.....                         | 99 |

|                    |                                                                               |     |
|--------------------|-------------------------------------------------------------------------------|-----|
| 97. N-bGXX-020/15  | Physical chemistry in geological processes.....                               | 100 |
| 98. N-bGXX-001/15  | Physical geology 1.....                                                       | 101 |
| 99. N-bGXX-007/15  | Physical geology 2.....                                                       | 102 |
| 100. N-bGXX-006/15 | Physics.....                                                                  | 103 |
| 101. N-bGXX-029/16 | Physics of the Earth.....                                                     | 104 |
| 102. N-bGXX-059/15 | Pollen Analysis.....                                                          | 105 |
| 103. N-bGAF-031/16 | Practicum from Physics.....                                                   | 106 |
| 104. N-bGXX-029/15 | Principles of Hydrogeological Investigation.....                              | 107 |
| 105. N-bGAF-050/16 | Programming in MATLAB.....                                                    | 108 |
| 106. N-bGIH-038/16 | Quality Monitoring of Natural and Sewage Waters.....                          | 109 |
| 107. N-bGXX-030/15 | Renewable Energy Sources.....                                                 | 110 |
| 108. N-bXDI-006/10 | Rhetoric.....                                                                 | 111 |
| 109. N-bXDI-007/10 | Rhetoric.....                                                                 | 112 |
| 110. N-bGMP-028/16 | Rocks under the Microscope.....                                               | 113 |
| 111. N-bGMP-025/16 | Sedimentary Textures.....                                                     | 114 |
| 112. N-bGZL-107/16 | Sedimentology 1.....                                                          | 115 |
| 113. N-bEXX-010/15 | Selected Chapters in Physical Geochemistry.....                               | 116 |
| 114. N-bGAF-001/15 | Seminar from Mathematics 1.....                                               | 117 |
| 115. N-bGAF-005/15 | Seminar in Mathematics 2.....                                                 | 118 |
| 116. N-bGAF-902/16 | Seminary to bachelor thesis from applied and environmental<br>geophysics..... | 119 |
| 117. N-bGDG-006/16 | Significant Geological Locations of Slovakia.....                             | 120 |
| 118. N-bGIH-013/16 | Software for Hydrogeology.....                                                | 121 |
| 119. N-bGDG-003/16 | Speleology.....                                                               | 122 |
| 120. N-bGXX-015/15 | Structural Geology.....                                                       | 123 |
| 121. N-bGAF-019/15 | Summer International Geophysical School.....                                  | 124 |
| 122. N-bGIH-031/10 | Use of Remote Sensing in Applied Geology.....                                 | 125 |
| 123. N-bGAF-024/16 | Utilization of computer software in geophysics.....                           | 126 |
| 124. N-bGDG-004/16 | Volcanology.....                                                              | 127 |

## COURSE DESCRIPTION

|                                                                                                                                                                                                       |     |                                                                            |     |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |     |                                                                            |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |     |                                                                            |     |     |     |
| <b>Course ID:</b><br>PriF.KIG/N-bGIH-025/16                                                                                                                                                           |     | <b>Course title:</b><br>Advanced laboratory methods in engineering geology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |     |                                                                            |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                           |     |                                                                            |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                       |     |                                                                            |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                          |     |                                                                            |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |     |                                                                            |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |     |                                                                            |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |     |                                                                            |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |     |                                                                            |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |     |                                                                            |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |     |                                                                            |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |     |                                                                            |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                               |     |                                                                            |     |     |     |
| A                                                                                                                                                                                                     | B   | C                                                                          | D   | E   | FX  |
| 0,0                                                                                                                                                                                                   | 0,0 | 0,0                                                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Renáta Adamcová, PhD., RNDr. Tatiana Durmeková, PhD.                                                                                                                     |     |                                                                            |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                   |     |                                                                            |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                   |     |                                                                            |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                                       |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                                       |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                                       |     |     |     |
| <b>Course ID:</b><br>PriF.GÚ/N-bGMP-004/15                                                                                                                                                                               |     | <b>Course title:</b><br>Analytical Methods in Geology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |     |                                                       |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                                       |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                          |     |                                                       |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                                       |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                                       |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                                       |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                                       |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                                       |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                                       |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                                       |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                                       |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                  |     |                                                       |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                                     | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                      | 0,0 | 0,0                                                   | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Marek Bujdoš, PhD., RNDr. Ingrid Hagarová, PhD., doc. RNDr. Peter Matúš, PhD., prof. Ing. Marcel Miglierini, DrSc., RNDr. Martin Urík, PhD.                                                      |     |                                                       |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                                       |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                                       |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                       |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                       |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                       |     |     |     |
| <b>Course ID:</b><br>PriF.KAEG/N-bGXX-033/15                                                                                                                                                       |     | <b>Course title:</b><br>Application of Geophysical Methods in Geology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                       |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                                                       |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |     |                                                                       |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                       |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                       |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                       |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                       |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                       |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                       |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                       |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                       |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                            |     |                                                                       |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                     | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                                                   | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Miroslav Bielik, DrSc., RNDr. Bibiana Brixová, PhD., doc. RNDr. Andrej Mojzeš, PhD., RNDr. René Putiška, PhD.                                                        |     |                                                                       |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                       |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                                       |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                                     |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                                     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                                     |     |     |     |
| <b>Course ID:</b><br>PriF.KAEG/N-bGAF-030/16                                                                                                                                                       |     | <b>Course title:</b><br>Application of geophysical methods in environmental geology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |     |                                                                                     |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                                                                     |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                                                     |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                                     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                                     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                                     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                                     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                                     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                                     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                                     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                                     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                            |     |                                                                                     |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                                   | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Andrej Mojzeš, PhD., doc. RNDr. Roman Pašteka, PhD., RNDr. René Putiška, PhD.                                                                                         |     |                                                                                     |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                                     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                                                     |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |      |                                             |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |      |                                             |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |      |                                             |     |     |     |
| <b>Course ID:</b><br>PriF.KAEG/N-bGAF-002/18                                                                                                                                                                          |      | <b>Course title:</b><br>Applied Mathematics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14<br><b>Form of the course:</b> on-site learning |      |                                             |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                           |      |                                             |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                       |      |                                             |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |      |                                             |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |      |                                             |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |      |                                             |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |      |                                             |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |      |                                             |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |      |                                             |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |      |                                             |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |      |                                             |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                                                               |      |                                             |     |     |     |
| A                                                                                                                                                                                                                     | B    | C                                           | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                   | 50,0 | 50,0                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Michal Pospíšil, PhD., RNDr. Roland Karcol, PhD.                                                                                                                                              |      |                                             |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                   |      |                                             |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                   |      |                                             |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                         |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                         |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                         |     |     |     |
| <b>Course ID:</b><br>PriF.KAEG/N-bGAF-004/15                                                                                                                                                                             |     | <b>Course title:</b><br>Applied Physics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |     |                                         |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                         |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                          |     |                                         |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                         |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                         |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                         |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                         |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                         |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                         |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                         |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                         |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                  |     |                                         |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                       | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                      | 0,0 | 0,0                                     | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Jozef Brestenský, CSc.                                                                                                                                                                      |     |                                         |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                         |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                         |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                |      |                                                            |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |      |                                                            |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |      |                                                            |     |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGVT-901/16                                                                                                                                    |      | <b>Course title:</b><br>Bachelor thesis in Dynamic Geology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |      |                                                            |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                    |      |                                                            |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                |      |                                                            |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                   |      |                                                            |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |      |                                                            |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |      |                                                            |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |      |                                                            |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |      |                                                            |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |      |                                                            |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |      |                                                            |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |      |                                                            |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                        |      |                                                            |     |     |     |
| A                                                                                                                                                                              | B    | C                                                          | D   | E   | FX  |
| 50,0                                                                                                                                                                           | 25,0 | 25,0                                                       | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Samuel Rybár, PhD., RNDr. Alexander Lačný, PhD.                                                                                                         |      |                                                            |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |      |                                                            |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                            |      |                                                            |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                       |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                       |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                       |     |     |     |
| <b>Course ID:</b><br>PriF.KGCh/N-bGCH-902/16                                                                                                                                                       |     | <b>Course title:</b><br>Bachelor Dissertation Seminar in Geochemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                       |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                       |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                                       |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                       |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                       |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                       |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                       |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                       |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                       |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                       |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                       |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                            |     |                                                                       |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                     | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                                                   | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Monika Huraiová, PhD., prof. RNDr. Roman Aubrecht, Dr.                                                                                                                |     |                                                                       |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                       |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                                       |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                              |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGZL-902/16                                                                                                                                                        |     | <b>Course title:</b><br>Bachelor Dissertation Seminar in Geology of Deposits |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                              |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                              |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                                              |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                            |     |                                                                              |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                            | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Monika Huraiová, PhD., prof. RNDr. Roman Aubrecht, Dr.                                                                                                                |     |                                                                              |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                              |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                                              |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                         |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                         |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                         |     |     |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGPA-902/16                                                                                                                                                        |     | <b>Course title:</b><br>Bachelor Dissertation Seminary in Palaeontology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                         |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                         |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                                         |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                         |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                         |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                         |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                         |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                         |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                         |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                         |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                         |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                            |     |                                                                         |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                       | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                                     | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Monika Huraiová, PhD., prof. RNDr. Roman Aubrecht, Dr.                                                                                                                |     |                                                                         |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                         |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                                         |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                |     |                                                                   |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |                                                                   |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |                                                                   |     |     |     |
| <b>Course ID:</b><br>PriF.KLG/N-bGZL-900/16                                                                                                                                    |     | <b>Course title:</b><br>Bachelor Dissertation in Economic Geology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |                                                                   |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                    |     |                                                                   |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                |     |                                                                   |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                   |     |                                                                   |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |     |                                                                   |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |     |                                                                   |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |                                                                   |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |     |                                                                   |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |     |                                                                   |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |                                                                   |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |     |                                                                   |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                        |     |                                                                   |     |     |     |
| A                                                                                                                                                                              | B   | C                                                                 | D   | E   | FX  |
| 0,0                                                                                                                                                                            | 0,0 | 0,0                                                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Oľíia Lintnerová, CSc.                                                                                                                           |     |                                                                   |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |     |                                                                   |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                            |     |                                                                   |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                |     |                                                               |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |                                                               |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |                                                               |     |     |     |
| <b>Course ID:</b><br>PriF.KGCh/N-bGCH-900/16                                                                                                                                   |     | <b>Course title:</b><br>Bachelor Dissertation in Geochemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |                                                               |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                    |     |                                                               |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                |     |                                                               |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                   |     |                                                               |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |     |                                                               |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |     |                                                               |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |                                                               |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |     |                                                               |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |     |                                                               |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |                                                               |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |     |                                                               |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                        |     |                                                               |     |     |     |
| A                                                                                                                                                                              | B   | C                                                             | D   | E   | FX  |
| 0,0                                                                                                                                                                            | 0,0 | 0,0                                                           | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Andrej Ďurža, CSc.                                                                                                                                |     |                                                               |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |     |                                                               |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                            |     |                                                               |     |     |     |

## STATE EXAM DESCRIPTION

|                                                      |                                                 |
|------------------------------------------------------|-------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                                 |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                                 |
| <b>Course ID:</b><br>PriF.KMP/N-bOBH-100/15          | <b>Course title:</b><br>Bachelor Thesis Defence |
| <b>Number of credits:</b> 8                          |                                                 |
| <b>Educational level:</b> I.                         |                                                 |
| <b>State exam syllabus:</b>                          |                                                 |
| <b>Last change:</b>                                  |                                                 |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.  |                                                 |

## STATE EXAM DESCRIPTION

|                                                      |                                                 |
|------------------------------------------------------|-------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                                 |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                                 |
| <b>Course ID:</b><br>PriF.KIG/N-bOBH-100/15          | <b>Course title:</b><br>Bachelor Thesis Defence |
| <b>Number of credits:</b> 8                          |                                                 |
| <b>Educational level:</b> I.                         |                                                 |
| <b>State exam syllabus:</b>                          |                                                 |
| <b>Last change:</b>                                  |                                                 |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.  |                                                 |

## STATE EXAM DESCRIPTION

|                                                      |                                                 |
|------------------------------------------------------|-------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                                 |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                                 |
| <b>Course ID:</b><br>PriF.KGP/N-bOBH-100/15          | <b>Course title:</b><br>Bachelor Thesis Defence |
| <b>Number of credits:</b> 8                          |                                                 |
| <b>Educational level:</b> I.                         |                                                 |
| <b>State exam syllabus:</b>                          |                                                 |
| <b>Last change:</b>                                  |                                                 |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.  |                                                 |

## STATE EXAM DESCRIPTION

|                                                      |                                                 |
|------------------------------------------------------|-------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                                 |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                                 |
| <b>Course ID:</b><br>PriF.KAEG/N-bOBH-100/15         | <b>Course title:</b><br>Bachelor Thesis Defense |
| <b>Number of credits:</b> 8                          |                                                 |
| <b>Educational level:</b> I.                         |                                                 |
| <b>State exam syllabus:</b>                          |                                                 |
| <b>Last change:</b>                                  |                                                 |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.  |                                                 |

## STATE EXAM DESCRIPTION

|                                                      |                                                 |
|------------------------------------------------------|-------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                                 |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                                 |
| <b>Course ID:</b><br>PriF.KLG/N-bOBH-100/15          | <b>Course title:</b><br>Bachelor Thesis Defense |
| <b>Number of credits:</b> 8                          |                                                 |
| <b>Educational level:</b> I.                         |                                                 |
| <b>State exam syllabus:</b>                          |                                                 |
| <b>Last change:</b>                                  |                                                 |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.  |                                                 |

## STATE EXAM DESCRIPTION

|                                                      |                                                 |
|------------------------------------------------------|-------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                                 |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                                 |
| <b>Course ID:</b><br>PriF.KGCh/N-bOBH-100/15         | <b>Course title:</b><br>Bachelor Thesis Defense |
| <b>Number of credits:</b> 8                          |                                                 |
| <b>Educational level:</b> I.                         |                                                 |
| <b>State exam syllabus:</b>                          |                                                 |
| <b>Last change:</b>                                  |                                                 |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.  |                                                 |

## STATE EXAM DESCRIPTION

|                                                      |                                                 |
|------------------------------------------------------|-------------------------------------------------|
| <b>University:</b> Comenius University in Bratislava |                                                 |
| <b>Faculty:</b> Faculty of Natural Sciences          |                                                 |
| <b>Course ID:</b><br>PriF.KHy/N-bOBH-100/15          | <b>Course title:</b><br>Bachelor Thesis Defense |
| <b>Number of credits:</b> 8                          |                                                 |
| <b>Educational level:</b> I.                         |                                                 |
| <b>State exam syllabus:</b>                          |                                                 |
| <b>Last change:</b>                                  |                                                 |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.  |                                                 |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                    |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                    |     |     |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGDG-902/16                                                                                                                                                        |     | <b>Course title:</b><br>Bachelor Thesis Seminar in Dynamic Geology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                    |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                    |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                                    |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                            |     |                                                                    |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                  | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Monika Huraiová, PhD., prof. RNDr. Roman Aubrecht, Dr.                                                                                                                |     |                                                                    |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                    |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                                    |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                                                         |     |       |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------------|-----|-------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |       |                                                                                         |     |       |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                                                         |     |       |     |
| <b>Course ID:</b><br>PriF.KIG/N-bGIH-902/16                                                                                                                                                        |       | <b>Course title:</b><br>Bachelor Thesis Seminar in Engineering Geology and Hydrogeology |     |       |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                                         |     |       |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                                                         |     |       |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |       |                                                                                         |     |       |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                                                         |     |       |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                                                         |     |       |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                                                         |     |       |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                                                         |     |       |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                                                         |     |       |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                                                         |     |       |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                                                         |     |       |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                                                         |     |       |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 6                                                                                                                            |       |                                                                                         |     |       |     |
| A                                                                                                                                                                                                  | B     | C                                                                                       | D   | E     | FX  |
| 16,67                                                                                                                                                                                              | 33,33 | 33,33                                                                                   | 0,0 | 16,67 | 0,0 |
| <b>Lecturers:</b> RNDr. Tatiana Durmeková, PhD., prof. RNDr. Zlatica Ženišová, PhD.                                                                                                                |       |                                                                                         |     |       |     |
| <b>Last change:</b>                                                                                                                                                                                |       |                                                                                         |     |       |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |       |                                                                                         |     |       |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                          |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                          |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                          |     |     |     |
| <b>Course ID:</b><br>PriF.KHy/N-bGEG-902/16                                                                                                                                                        |     | <b>Course title:</b><br>Bachelor Thesis Seminar in Environmental Geology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                          |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                          |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                                          |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                          |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                          |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                          |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                          |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                          |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                          |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                          |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                          |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                            |     |                                                                          |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                        | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                                                      | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Oľíia Lintnerová, CSc., prof. RNDr. Zlatica Ženišová, PhD.                                                                                                           |     |                                                                          |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                          |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                                          |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                             |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                             |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                             |     |     |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGMP-902/16                                                                                                                                                        |     | <b>Course title:</b><br>Bachelor Thesis Seminar in Mineralogy and Petrology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                             |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                             |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                                             |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                             |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                             |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                             |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                             |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                             |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                             |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                             |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                             |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 3                                                                                                                            |     |                                                                             |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                           | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                                         | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Monika Huraiová, PhD., prof. RNDr. Roman Aubrecht, Dr.                                                                                                                |     |                                                                             |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                             |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                                             |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                |      |                                                                                 |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |      |                                                                                 |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |      |                                                                                 |     |     |     |
| <b>Course ID:</b><br>PriF.KAEG/N-bGAF-900/16                                                                                                                                   |      | <b>Course title:</b><br>Bachelor Thesis in Applied and Environmental Geophysics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |      |                                                                                 |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                    |      |                                                                                 |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                |      |                                                                                 |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                   |      |                                                                                 |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |      |                                                                                 |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |      |                                                                                 |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |      |                                                                                 |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |      |                                                                                 |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |      |                                                                                 |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |      |                                                                                 |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |      |                                                                                 |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                        |      |                                                                                 |     |     |     |
| A                                                                                                                                                                              | B    | C                                                                               | D   | E   | FX  |
| 75,0                                                                                                                                                                           | 25,0 | 0,0                                                                             | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Miroslav Bielik, DrSc.                                                                                                                           |      |                                                                                 |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |      |                                                                                 |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                            |      |                                                                                 |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                |       |                                                                                 |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |       |                                                                                 |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |       |                                                                                 |     |     |     |
| <b>Course ID:</b><br>PriF.KIG/N-bGIH-900/16                                                                                                                                    |       | <b>Course title:</b><br>Bachelor Thesis in Engineering Geology and Hydrogeology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |       |                                                                                 |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                    |       |                                                                                 |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                |       |                                                                                 |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                   |       |                                                                                 |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |       |                                                                                 |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |       |                                                                                 |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |       |                                                                                 |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |       |                                                                                 |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |       |                                                                                 |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |       |                                                                                 |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |       |                                                                                 |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 3                                                                                                        |       |                                                                                 |     |     |     |
| A                                                                                                                                                                              | B     | C                                                                               | D   | E   | FX  |
| 0,0                                                                                                                                                                            | 100,0 | 0,0                                                                             | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Renáta Adamcová, PhD., doc. RNDr. Renáta Fláková, PhD.                                                                                            |       |                                                                                 |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |       |                                                                                 |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                            |       |                                                                                 |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                  |     |                                                                  |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                             |     |                                                                  |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                      |     |                                                                  |     |     |     |
| <b>Course ID:</b><br>PriF.KHy/N-bGEG-900/16                                                                                                                                      |     | <b>Course title:</b><br>Bachelor Thesis in Environmental Geology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week:   per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |                                                                  |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                      |     |                                                                  |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                  |     |                                                                  |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                     |     |                                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                            |     |                                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                      |     |                                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                        |     |                                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                           |     |                                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                   |     |                                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                               |     |                                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                    |     |                                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                          |     |                                                                  |     |     |     |
| A                                                                                                                                                                                | B   | C                                                                | D   | E   | FX  |
| 0,0                                                                                                                                                                              | 0,0 | 0,0                                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Oľíia Lintnerová, CSc., doc. RNDr. Renáta Fláková, PhD.                                                                                            |     |                                                                  |     |     |     |
| <b>Last change:</b>                                                                                                                                                              |     |                                                                  |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                              |     |                                                                  |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                |     |                                                                     |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |                                                                     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |                                                                     |     |     |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGMP-900/16                                                                                                                                    |     | <b>Course title:</b><br>Bachelor Thesis in Mineralogy and Petrology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |                                                                     |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                    |     |                                                                     |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                |     |                                                                     |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                   |     |                                                                     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |     |                                                                     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |     |                                                                     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |                                                                     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |     |                                                                     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |     |                                                                     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |                                                                     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |     |                                                                     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 3                                                                                                        |     |                                                                     |     |     |     |
| A                                                                                                                                                                              | B   | C                                                                   | D   | E   | FX  |
| 100,0                                                                                                                                                                          | 0,0 | 0,0                                                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Monika Huraiová, PhD.                                                                                                                             |     |                                                                     |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |     |                                                                     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                            |     |                                                                     |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                |     |                                                          |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                           |     |                                                          |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                    |     |                                                          |     |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGPA-900/16                                                                                                                                    |     | <b>Course title:</b><br>Bachelor thesis in Palaeobiology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning |     |                                                          |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                    |     |                                                          |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                |     |                                                          |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                   |     |                                                          |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                          |     |                                                          |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                    |     |                                                          |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                      |     |                                                          |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                         |     |                                                          |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                 |     |                                                          |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                             |     |                                                          |     |     |     |
| <b>Notes:</b>                                                                                                                                                                  |     |                                                          |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 3                                                                                                        |     |                                                          |     |     |     |
| A                                                                                                                                                                              | B   | C                                                        | D   | E   | FX  |
| 100,0                                                                                                                                                                          | 0,0 | 0,0                                                      | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Martin Sabol, PhD., prof. RNDr. Daniela Reháková, CSc.                                                                                             |     |                                                          |     |     |     |
| <b>Last change:</b>                                                                                                                                                            |     |                                                          |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                            |     |                                                          |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                                |       |       |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------|-------|-------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                                |       |       |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                                |       |       |     |
| <b>Course ID:</b><br>PriF.KGCh/N-bGXX-001/15                                                                                                                                                                             |       | <b>Course title:</b><br>Basics in Geochemistry |       |       |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                                |       |       |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |       |                                                |       |       |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                          |       |                                                |       |       |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                                |       |       |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                                |       |       |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                                |       |       |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                                |       |       |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                                |       |       |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                                |       |       |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                                |       |       |     |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                                |       |       |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 29                                                                                                                                                 |       |                                                |       |       |     |
| A                                                                                                                                                                                                                        | B     | C                                              | D     | E     | FX  |
| 31,03                                                                                                                                                                                                                    | 10,34 | 20,69                                          | 17,24 | 13,79 | 6,9 |
| <b>Lecturers:</b> prof. RNDr. Edgar Hiller, PhD., doc. RNDr. Peter Ivan, CSc., RNDr. Ľubomír Jurkovič, PhD.                                                                                                              |       |                                                |       |       |     |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                                |       |       |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                                |       |       |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                                            |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                                            |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                                            |     |     |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGMP-014/16                                                                                                                                                                              |     | <b>Course title:</b><br>Basics of Environmental Mineralogy |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |     |                                                            |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                              |     |                                                            |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                          |     |                                                            |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                                            |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                                            |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                                            |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                                            |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                                            |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                                            |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                                            |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                                            |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                  |     |                                                            |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                                          | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                      | 0,0 | 0,0                                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Peter Bačík, PhD., RNDr. Peter Ružička, PhD.                                                                                                                                                 |     |                                                            |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                                            |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                                            |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                            |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                            |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                            |     |     |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGMP-010/15                                                                                                                                                                              |     | <b>Course title:</b><br>Basics of Gemology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |     |                                            |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                            |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                          |     |                                            |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                            |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                            |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                            |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                            |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                            |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                            |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                            |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                            |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 8                                                                                                                                                  |     |                                            |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                          | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                    | 0,0 | 0,0                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Daniel Ozdín, PhD., doc. Mgr. Peter Bačík, PhD., RNDr. Jana Fridrichová, PhD.                                                                                                                     |     |                                            |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                            |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                            |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                                           |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                                           |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                                           |     |     |     |
| <b>Course ID:</b><br>PriF.GÚ/N-bGXX-373/15                                                                                                                                                                               |     | <b>Course title:</b><br>Basics of analytical geochemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |     |                                                           |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                                           |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                          |     |                                                           |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                  |     |                                                           |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                                         | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                      | 0,0 | 0,0                                                       | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Marek Bujdoš, PhD., RNDr. Ingrid Hagarová, PhD., Mgr. Lucia Nemček, PhD.,<br>doc. RNDr. Peter Matúš, PhD., prof. Ing. Marcel Miglierini, DrSc., RNDr. Martin Urik, PhD.                          |     |                                                           |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                                           |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                                           |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                      |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                      |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                      |     |     |     |
| <b>Course ID:</b><br>PriF.GÚ/N-bGXX-370/15                                                                                                                                                         |     | <b>Course title:</b><br>Biochemical processes in soils and sediments |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |     |                                                                      |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                                                      |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                    |     |                                                                      |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                      |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                      |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                      |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                      |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                      |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                      |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                      |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                      |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                            |     |                                                                      |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                    | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                                                  | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Martin Urík, PhD., doc. RNDr. Peter Matúš, PhD.                                                                                                                            |     |                                                                      |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                      |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                                      |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                         |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                         |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                         |     |     |     |
| <b>Course ID:</b><br>PriF.KGCh/N-bEXX-011/15                                                                                                                                                       |     | <b>Course title:</b><br>Biogeochemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                         |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                         |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |     |                                         |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                         |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                         |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                         |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                         |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                         |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                         |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                         |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                         |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                            |     |                                         |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                       | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                     | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Ján Milička, CSc.                                                                                                                                                     |     |                                         |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                         |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                         |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                          |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                          |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                          |     |     |     |
| <b>Course ID:</b><br>PriF.KIG/N-bGXX-028/16                                                                                                                                                        |     | <b>Course title:</b><br>Biotechnical Slope Stabilization |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                          |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                                          |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                          |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                          |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                          |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                          |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                          |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                          |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                          |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                          |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                          |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                            |     |                                                          |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                        | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                                      | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Renáta Adamcová, PhD.                                                                                                                                                 |     |                                                          |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                          |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                          |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                                  |       |       |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------|-------|-------|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                                  |       |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                                  |       |       |       |
| <b>Course ID:</b><br>PriF.KAgCh/N-bGXX-001/15                                                                                                                                                                            |       | <b>Course title:</b><br>Chemistry for Geologists |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                                  |       |       |       |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |       |                                                  |       |       |       |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                          |       |                                                  |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                                  |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                                  |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                                  |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                                  |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                                  |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                                  |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                                  |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                                  |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 78                                                                                                                                                 |       |                                                  |       |       |       |
| A                                                                                                                                                                                                                        | B     | C                                                | D     | E     | FX    |
| 8,97                                                                                                                                                                                                                     | 11,54 | 10,26                                            | 11,54 | 12,82 | 44,87 |
| <b>Lecturers:</b> RNDr. Jana Chrappová, PhD., prof. Ing. Karol Jesenák, PhD.                                                                                                                                             |       |                                                  |       |       |       |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                                  |       |       |       |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                                  |       |       |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                           |     |     |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                           |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                           |     |     |       |
| <b>Course ID:</b><br>PriF.KIG/N-bGXX-001/15                                                                                                                                                        |     | <b>Course title:</b><br>Course in Geodesy |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> fieldwork<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 5d<br><b>Form of the course:</b> on-site learning |     |                                           |     |     |       |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                           |     |     |       |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |     |                                           |     |     |       |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                           |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                           |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                           |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                           |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                           |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                           |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                           |     |     |       |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                           |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 47                                                                                                                           |     |                                           |     |     |       |
| A                                                                                                                                                                                                  | B   | C                                         | D   | E   | FX    |
| 87,23                                                                                                                                                                                              | 0,0 | 0,0                                       | 0,0 | 0,0 | 12,77 |
| <b>Lecturers:</b> doc. RNDr. Martin Bednarik, PhD., doc. RNDr. Dávid Krčmář, PhD., Mgr. Rudolf Tornyai, PhD.                                                                                       |     |                                           |     |     |       |
| <b>Last change:</b>                                                                                                                                                                                |     |                                           |     |     |       |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                           |     |     |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |      |                                                        |      |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------|------|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |      |                                                        |      |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |      |                                                        |      |     |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGMP-004/15                                                                                                                                                                              |      | <b>Course title:</b><br>Endogenic Geological Processes |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |      |                                                        |      |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |      |                                                        |      |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                          |      |                                                        |      |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |      |                                                        |      |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |      |                                                        |      |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |      |                                                        |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |      |                                                        |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |      |                                                        |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |      |                                                        |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |      |                                                        |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |      |                                                        |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 20                                                                                                                                                 |      |                                                        |      |     |     |
| A                                                                                                                                                                                                                        | B    | C                                                      | D    | E   | FX  |
| 45,0                                                                                                                                                                                                                     | 40,0 | 0,0                                                    | 15,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Marián Putiš, DrSc., doc. RNDr. Jozef Hók, CSc.                                                                                                                                            |      |                                                        |      |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |      |                                                        |      |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |      |                                                        |      |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                               |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                               |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                               |     |     |     |
| <b>Course ID:</b><br>PriF.KHy/N-bGXX-031/16                                                                                                                                                        |     | <b>Course title:</b><br>Environmental Burdens |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                               |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                               |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                               |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                               |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                               |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                               |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                               |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                               |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                               |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                               |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                               |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                            |     |                                               |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                             | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                           | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Zlatica Ženišová, PhD., doc. RNDr. Renáta Adamcová, PhD., doc. Mgr. Peter Šottník, PhD., RNDr. Ľubomír Jurkovič, PhD.                                                |     |                                               |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                               |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                               |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |       |                                                    |      |      |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------|------|------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |       |                                                    |      |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |       |                                                    |      |      |     |
| <b>Course ID:</b><br>PriF.KPI/N-bEXX-008/15                                                                                                                                                                           |       | <b>Course title:</b><br>Environmental Soil Science |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14<br><b>Form of the course:</b> on-site learning |       |                                                    |      |      |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                           |       |                                                    |      |      |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                       |       |                                                    |      |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |       |                                                    |      |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |       |                                                    |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |       |                                                    |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |       |                                                    |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |       |                                                    |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |       |                                                    |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |       |                                                    |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                                         |       |                                                    |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 31                                                                                                                                              |       |                                                    |      |      |     |
| A                                                                                                                                                                                                                     | B     | C                                                  | D    | E    | FX  |
| 32,26                                                                                                                                                                                                                 | 32,26 | 22,58                                              | 6,45 | 6,45 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Pavel Dlapa, PhD., Mgr. Peter Hanajík, PhD., prof. Ing. Bohdan Juráni, CSc., Mgr. Ivana Vykouková, PhD.                                                                                 |       |                                                    |      |      |     |
| <b>Last change:</b>                                                                                                                                                                                                   |       |                                                    |      |      |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                   |       |                                                    |      |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                                        |      |     |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------|------|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                                        |      |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                                        |      |     |      |
| <b>Course ID:</b><br>PriF.KGP/N-bGXX-062/15                                                                                                                                                                              |     | <b>Course title:</b><br>Exogenous geological processes |      |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |     |                                                        |      |     |      |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                                        |      |     |      |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                          |     |                                                        |      |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                                        |      |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                                        |      |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                                        |      |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                                        |      |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                                        |      |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                                        |      |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                                        |      |     |      |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                                        |      |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                                                  |     |                                                        |      |     |      |
| A                                                                                                                                                                                                                        | B   | C                                                      | D    | E   | FX   |
| 0,0                                                                                                                                                                                                                      | 0,0 | 0,0                                                    | 75,0 | 0,0 | 25,0 |
| <b>Lecturers:</b> prof. RNDr. Michal Kováč, DrSc., Mgr. Katarína Šarinová, PhD., Mgr. Michal Šujan, PhD.                                                                                                                 |     |                                                        |      |     |      |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                                        |      |     |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                                        |      |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                 |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                 |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                 |     |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGXX-058/15                                                                                                                                                        |     | <b>Course title:</b><br>Field course in Geology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> fieldwork<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 5d<br><b>Form of the course:</b> on-site learning |     |                                                 |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                 |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                    |     |                                                 |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                 |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                 |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                 |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                 |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                 |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                 |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                 |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                 |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 42                                                                                                                           |     |                                                 |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                               | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                             | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Jozef Hók, CSc., doc. Mgr. Martin Sabol, PhD., doc. RNDr. Renáta Adamcová, PhD.                                                                                       |     |                                                 |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                 |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                 |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                      |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                      |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                      |     |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGDG-005/16                                                                                                                                                        |     | <b>Course title:</b><br>Field course in Stratigraphy |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> fieldwork<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 5d<br><b>Form of the course:</b> on-site learning |     |                                                      |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                                      |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                      |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                      |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                      |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                      |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                      |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                      |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                      |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                      |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                      |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                            |     |                                                      |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                    | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                  | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                  |     |                                                      |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                      |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                      |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |      |                                                              |      |      |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------|------|------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |      |                                                              |      |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                                              |      |      |     |
| <b>Course ID:</b><br>PriF.KLG/N-bGXX-024/15                                                                                                                                                        |      | <b>Course title:</b><br>Fossil Fuels and Energetic Resources |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                                              |      |      |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |      |                                                              |      |      |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                    |      |                                                              |      |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                                              |      |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                              |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                              |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                              |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                              |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                              |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                              |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                              |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 25                                                                                                                           |      |                                                              |      |      |     |
| A                                                                                                                                                                                                  | B    | C                                                            | D    | E    | FX  |
| 20,0                                                                                                                                                                                               | 20,0 | 20,0                                                         | 16,0 | 20,0 | 4,0 |
| <b>Lecturers:</b> doc. Mgr. Peter Koděra, PhD., prof. RNDr. Oľívia Lintnerová, CSc., Mgr. Marek Osacký, PhD.                                                                                       |      |                                                              |      |      |     |
| <b>Last change:</b>                                                                                                                                                                                |      |                                                              |      |      |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |      |                                                              |      |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |     |                                                                      |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |     |                                                                      |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |     |                                                                      |     |     |     |
| <b>Course ID:</b><br>PriF.KAEG/N-bGAF-025/16                                                                                                                                                                          |     | <b>Course title:</b><br>Fractals and Chaos in geology and geophysics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |     |                                                                      |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                           |     |                                                                      |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                       |     |                                                                      |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |     |                                                                      |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |     |                                                                      |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |     |                                                                      |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |     |                                                                      |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |     |                                                                      |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |     |                                                                      |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |     |                                                                      |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |     |                                                                      |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                               |     |                                                                      |     |     |     |
| A                                                                                                                                                                                                                     | B   | C                                                                    | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                   | 0,0 | 0,0                                                                  | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Peter Guba, PhD.                                                                                                                                                                         |     |                                                                      |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                   |     |                                                                      |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                   |     |                                                                      |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                                            |      |      |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------|------|------|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                                            |      |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                                            |      |      |       |
| <b>Course ID:</b><br>PriF.KAEG/N-bGXX-031/15                                                                                                                                                                             |       | <b>Course title:</b><br>Fundamentals of Applied Geophysics |      |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                                            |      |      |       |
| <b>Number of credits:</b> 3                                                                                                                                                                                              |       |                                                            |      |      |       |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                          |       |                                                            |      |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                                            |      |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                                            |      |      |       |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                                            |      |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                                            |      |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                                            |      |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                                            |      |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                                            |      |      |       |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                                            |      |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 32                                                                                                                                                 |       |                                                            |      |      |       |
| A                                                                                                                                                                                                                        | B     | C                                                          | D    | E    | FX    |
| 9,38                                                                                                                                                                                                                     | 31,25 | 18,75                                                      | 12,5 | 12,5 | 15,63 |
| <b>Lecturers:</b> RNDr. Bibiana Brixová, PhD., doc. RNDr. Andrej Mojzeš, PhD., doc. RNDr. Roman Pašteka, PhD., RNDr. René Putiška, PhD.                                                                                  |       |                                                            |      |      |       |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                                            |      |      |       |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                                            |      |      |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                                      |       |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------|-------|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                                      |       |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                                      |       |     |     |
| <b>Course ID:</b><br>PriF.KHy/N-bGXX-001/15                                                                                                                                                                              |       | <b>Course title:</b><br>Fundamentals of Hydrogeology |       |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                                      |       |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                              |       |                                                      |       |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                          |       |                                                      |       |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                                      |       |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                                      |       |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                                      |       |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                                      |       |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                                      |       |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                                      |       |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                                      |       |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                                      |       |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 26                                                                                                                                                 |       |                                                      |       |     |     |
| A                                                                                                                                                                                                                        | B     | C                                                    | D     | E   | FX  |
| 34,62                                                                                                                                                                                                                    | 19,23 | 23,08                                                | 23,08 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Miriam Fendeková, CSc., doc. RNDr. Renáta Fľaková, PhD.                                                                                                                                    |       |                                                      |       |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                                      |       |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                                      |       |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                                                            |      |      |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------|------|------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |       |                                                                                            |      |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                                                            |      |      |     |
| <b>Course ID:</b><br>PriF.KGCh/N-bEXX-009/15                                                                                                                                                       |       | <b>Course title:</b><br>Geochemistry and Genesis of Geological and Anthropogenic Materials |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                                            |      |      |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                                                                            |      |      |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |       |                                                                                            |      |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                                                            |      |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                                                            |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                                                            |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                                                            |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                                                            |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                                                            |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                                                            |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                                                            |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 11                                                                                                                           |       |                                                                                            |      |      |     |
| A                                                                                                                                                                                                  | B     | C                                                                                          | D    | E    | FX  |
| 36,36                                                                                                                                                                                              | 36,36 | 9,09                                                                                       | 9,09 | 9,09 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Peter Ivan, CSc., RNDr. Ľubomír Jurkovič, PhD., RNDr. Štefan Méres, PhD.                                                                                              |       |                                                                                            |      |      |     |
| <b>Last change:</b>                                                                                                                                                                                |       |                                                                                            |      |      |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |       |                                                                                            |      |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                       |     |                                        |     |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |     |                                        |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |     |                                        |     |     |     |
| <b>Course ID:</b><br>PriF.KAEG/N-bGXX-032/15                                                                                                                                                          |     | <b>Course title:</b><br>Geoinformatics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                        |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                           |     |                                        |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                       |     |                                        |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                          |     |                                        |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |     |                                        |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |     |                                        |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |     |                                        |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |     |                                        |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |     |                                        |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |     |                                        |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |     |                                        |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                               |     |                                        |     |     |     |
| A                                                                                                                                                                                                     | B   | C                                      | D   | E   | FX  |
| 0,0                                                                                                                                                                                                   | 0,0 | 0,0                                    | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Andrej Mojzeš, PhD., RNDr. Kamil Rozimant, CSc.                                                                                                                          |     |                                        |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                   |     |                                        |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                   |     |                                        |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                          |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                          |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                          |     |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGDG-001/16                                                                                                                                                                              |     | <b>Course title:</b><br>Geological Risks |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |     |                                          |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                          |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                          |     |                                          |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                          |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                          |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                          |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                          |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                          |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                          |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                          |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                          |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 3                                                                                                                                                  |     |                                          |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                        | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                    | 0,0 | 0,0                                      | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Rastislav Vojtko, PhD.                                                                                                                                                                       |     |                                          |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                          |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                          |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                    |     |                                                   |     |     |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------|-----|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                                               |     |                                                   |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                        |     |                                                   |     |     |      |
| <b>Course ID:</b><br>PriF.KGP/N-bGXX-061/15                                                                                                                                                                                                        |     | <b>Course title:</b><br>Geological mapping course |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> fieldwork<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 17d<br><b>Form of the course:</b> on-site learning                                                |     |                                                   |     |     |      |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                        |     |                                                   |     |     |      |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                                                    |     |                                                   |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                       |     |                                                   |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                              |     |                                                   |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                        |     |                                                   |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                          |     |                                                   |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                             |     |                                                   |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                     |     |                                                   |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                 |     |                                                   |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                                                                      |     |                                                   |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 21                                                                                                                                                                           |     |                                                   |     |     |      |
| A                                                                                                                                                                                                                                                  | B   | C                                                 | D   | E   | FX   |
| 90,48                                                                                                                                                                                                                                              | 0,0 | 0,0                                               | 0,0 | 0,0 | 9,52 |
| <b>Lecturers:</b> prof. RNDr. Roman Aubrecht, Dr., doc. RNDr. Jozef Hók, CSc., doc. Mgr. Rastislav Vojtko, PhD., doc. RNDr. František Marko, CSc., doc. RNDr. Dávid Krčmář, PhD., doc. RNDr. Martin Bednarik, PhD., doc. RNDr. Roman Pašteka, PhD. |     |                                                   |     |     |      |
| <b>Last change:</b>                                                                                                                                                                                                                                |     |                                                   |     |     |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                                                |     |                                                   |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                    |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |       |                                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                    |     |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGZL-041/16                                                                                                                                                        |       | <b>Course title:</b><br>Geology of Bohemian Massif |     |     |     |
| <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 |       |                                                    |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                        |       |                                                    |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |       |                                                    |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                            |       |                                                    |     |     |     |
| A                                                                                                                                                                                                  | B     | C                                                  | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 100,0 | 0,0                                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                  |       |                                                    |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |       |                                                    |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |       |                                                    |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |      |                                             |      |      |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------|------|------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |      |                                             |      |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |      |                                             |      |      |     |
| <b>Course ID:</b><br>PriF.KGP/N-bUBI-063/15                                                                                                                                                                              |      | <b>Course title:</b><br>Geology of Slovakia |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |      |                                             |      |      |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |      |                                             |      |      |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                          |      |                                             |      |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |      |                                             |      |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |      |                                             |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |      |                                             |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |      |                                             |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |      |                                             |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |      |                                             |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |      |                                             |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                                            |      |                                             |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 20                                                                                                                                                 |      |                                             |      |      |     |
| A                                                                                                                                                                                                                        | B    | C                                           | D    | E    | FX  |
| 30,0                                                                                                                                                                                                                     | 15,0 | 10,0                                        | 15,0 | 30,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Roman Aubrecht, Dr., doc. Mgr. Rastislav Vojtko, PhD.                                                                                                                                      |      |                                             |      |      |     |
| <b>Last change:</b>                                                                                                                                                                                                      |      |                                             |      |      |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |      |                                             |      |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                      |       |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------|-------|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |       |                                                      |       |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                      |       |     |     |
| <b>Course ID:</b><br>PriF.KIG/N-bGXX-030/15                                                                                                                                                        |       | <b>Course title:</b><br>Geomorphology and Quaternary |       |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                      |       |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                                      |       |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |       |                                                      |       |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                      |       |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                      |       |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                      |       |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                      |       |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                      |       |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                      |       |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                      |       |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                      |       |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 33                                                                                                                           |       |                                                      |       |     |     |
| A                                                                                                                                                                                                  | B     | C                                                    | D     | E   | FX  |
| 18,18                                                                                                                                                                                              | 24,24 | 30,3                                                 | 27,27 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Martin Bednarik, PhD., Mgr. Peter Joniak, PhD.                                                                                                                        |       |                                                      |       |     |     |
| <b>Last change:</b>                                                                                                                                                                                |       |                                                      |       |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |       |                                                      |       |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                |     |                                                                           |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                           |     |                                                                           |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                    |     |                                                                           |     |     |     |
| <b>Course ID:</b><br>PriF.KAEG/N-bGAF-018/15                                                                                                                                                                                   |     | <b>Course title:</b><br>Geophysical projects, field works and expeditions |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                             |     |                                                                           |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                    |     |                                                                           |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                                |     |                                                                           |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                   |     |                                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                          |     |                                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                    |     |                                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                      |     |                                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                         |     |                                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                 |     |                                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                             |     |                                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                  |     |                                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                        |     |                                                                           |     |     |     |
| A                                                                                                                                                                                                                              | B   | C                                                                         | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                            | 0,0 | 0,0                                                                       | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Miroslav Bielik, DrSc., RNDr. Bibiana Brixová, PhD., Mgr. Ivan Dostál, PhD., Mgr. Dávid Kušnirák, PhD., doc. RNDr. Andrej Mojzeš, PhD., doc. RNDr. Roman Pašteka, PhD., RNDr. René Putiška, PhD. |     |                                                                           |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                            |     |                                                                           |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                            |     |                                                                           |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                   |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                   |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                   |     |     |     |
| <b>Course ID:</b><br>PriF.KAEG/N-bGAF-006/15                                                                                                                                                       |     | <b>Course title:</b><br>Geophysics and Geohazards |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                   |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                   |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |     |                                                   |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                   |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                   |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                   |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                   |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                   |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                   |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                   |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                   |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                            |     |                                                   |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                 | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Miroslav Bielik, DrSc., Mgr. Ivan Dostál, PhD., Mgr. Dávid Kušnirák, PhD., doc. RNDr. Andrej Mojzeš, PhD., RNDr. René Putiška, PhD.                                  |     |                                                   |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                   |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                   |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                    |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                    |     |     |     |
| <b>Course ID:</b><br>PriF.KAEG/N-bGAF-009/15                                                                                                                                                       |     | <b>Course title:</b><br>Geophysics and archaeology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                    |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                    |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |     |                                                    |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                            |     |                                                    |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                  | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Bibiana Brixová, PhD., Mgr. Dávid Kušnirák, PhD., doc. RNDr. Andrej Mojzeš, PhD., doc. RNDr. Roman Pašteka, PhD., RNDr. René Putiška, PhD.                                 |     |                                                    |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                    |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                    |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                                                  |       |       |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------|-------|-------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                                                  |       |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                                                  |       |       |      |
| <b>Course ID:</b><br>PriF.KGP/N-bGZL-100/15                                                                                                                                                                              |       | <b>Course title:</b><br>Historical and stratigraphical geology 1 |       |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                                                  |       |       |      |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |       |                                                                  |       |       |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                          |       |                                                                  |       |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                                                  |       |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                                                  |       |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                                                  |       |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                                                  |       |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                                                  |       |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                                                  |       |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                                                  |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                                                  |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 30                                                                                                                                                 |       |                                                                  |       |       |      |
| A                                                                                                                                                                                                                        | B     | C                                                                | D     | E     | FX   |
| 3,33                                                                                                                                                                                                                     | 13,33 | 20,0                                                             | 16,67 | 43,33 | 3,33 |
| <b>Lecturers:</b> prof. RNDr. Roman Aubrecht, Dr., Mgr. Štefan Józsa, PhD.                                                                                                                                               |       |                                                                  |       |       |      |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                                                  |       |       |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                                                  |       |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                                                  |       |       |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------|-------|-------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                                                  |       |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                                                  |       |       |      |
| <b>Course ID:</b><br>PriF.KGP/N-bGZL-101/15                                                                                                                                                                              |       | <b>Course title:</b><br>Historical and stratigraphical geology 2 |       |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                                                  |       |       |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                              |       |                                                                  |       |       |      |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                          |       |                                                                  |       |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                                                  |       |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                                                  |       |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                                                  |       |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                                                  |       |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                                                  |       |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                                                  |       |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                                                  |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                                                  |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 21                                                                                                                                                 |       |                                                                  |       |       |      |
| A                                                                                                                                                                                                                        | B     | C                                                                | D     | E     | FX   |
| 4,76                                                                                                                                                                                                                     | 14,29 | 0,0                                                              | 23,81 | 52,38 | 4,76 |
| <b>Lecturers:</b> prof. RNDr. Roman Aubrecht, Dr., Mgr. Štefan Józsa, PhD.                                                                                                                                               |       |                                                                  |       |       |      |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                                                  |       |       |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                                                  |       |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                                  |       |      |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------|-------|------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                                  |       |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                                  |       |      |      |
| <b>Course ID:</b><br>PriF.KHy/N-bGXX-016/15                                                                                                                                                                              |       | <b>Course title:</b><br>Hydrology for Geologists |       |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                                  |       |      |      |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |       |                                                  |       |      |      |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                          |       |                                                  |       |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                                  |       |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                                  |       |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                                  |       |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                                  |       |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                                  |       |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                                  |       |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                                  |       |      |      |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                                  |       |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 36                                                                                                                                                 |       |                                                  |       |      |      |
| A                                                                                                                                                                                                                        | B     | C                                                | D     | E    | FX   |
| 8,33                                                                                                                                                                                                                     | 11,11 | 41,67                                            | 22,22 | 8,33 | 8,33 |
| <b>Lecturers:</b> prof. RNDr. Miriam Fendeková, CSc., doc. RNDr. Dávid Krčmář, PhD.                                                                                                                                      |       |                                                  |       |      |      |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                                  |       |      |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                                  |       |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                                                |     |       |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------|-----|-------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                                                |     |       |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                                                |     |       |     |
| <b>Course ID:</b><br>PriF.KLG/N-bGZL-011/16                                                                                                                                                                              |     | <b>Course title:</b><br>Industrial Minerals and Rocks Deposits |     |       |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |     |                                                                |     |       |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                                                |     |       |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                          |     |                                                                |     |       |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                                                |     |       |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                                                |     |       |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                                                |     |       |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                                                |     |       |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                                                |     |       |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                                                |     |       |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                                                |     |       |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                                                |     |       |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                                                  |     |                                                                |     |       |     |
| A                                                                                                                                                                                                                        | B   | C                                                              | D   | E     | FX  |
| 0,0                                                                                                                                                                                                                      | 0,0 | 0,0                                                            | 0,0 | 100,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Peter Uhlík, PhD.                                                                                                                                                                            |     |                                                                |     |       |     |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                                                |     |       |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                                                |     |       |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                                             |       |       |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------|-------|-------|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                                             |       |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                                             |       |       |       |
| <b>Course ID:</b><br>PriF.KIG/N-bGXX-020/15                                                                                                                                                                              |       | <b>Course title:</b><br>Introduction to Engineering Geology |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                                             |       |       |       |
| <b>Number of credits:</b> 3                                                                                                                                                                                              |       |                                                             |       |       |       |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                          |       |                                                             |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                                             |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                                             |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                                             |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                                             |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                                             |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                                             |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                                             |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                                             |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 28                                                                                                                                                 |       |                                                             |       |       |       |
| A                                                                                                                                                                                                                        | B     | C                                                           | D     | E     | FX    |
| 3,57                                                                                                                                                                                                                     | 21,43 | 25,0                                                        | 14,29 | 21,43 | 14,29 |
| <b>Lecturers:</b> doc. RNDr. Renáta Adamcová, PhD.                                                                                                                                                                       |       |                                                             |       |       |       |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                                             |       |       |       |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                                             |       |       |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                               |       |       |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------|-------|-------|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                               |       |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                               |       |       |       |
| <b>Course ID:</b><br>PriF.KHy/N-bUBI-001/15                                                                                                                                                        |     | <b>Course title:</b><br>Introduction to Environmental Geology |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                               |       |       |       |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                                               |       |       |       |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |     |                                                               |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                               |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                               |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                               |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                               |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                               |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                               |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                               |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                               |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 9                                                                                                                            |     |                                                               |       |       |       |
| A                                                                                                                                                                                                  | B   | C                                                             | D     | E     | FX    |
| 11,11                                                                                                                                                                                              | 0,0 | 22,22                                                         | 11,11 | 44,44 | 11,11 |
| <b>Lecturers:</b> doc. RNDr. Renáta Adamcová, PhD., prof. RNDr. Otília Lintnerová, CSc., doc. RNDr. Jozef Hók, CSc., prof. RNDr. Zlatica Ženišová, PhD., doc. RNDr. Renáta Fláková, PhD.           |     |                                                               |       |       |       |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                               |       |       |       |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                               |       |       |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                                                           |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                                                           |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                                                           |     |     |     |
| <b>Course ID:</b><br>PriF.KAgCh/N-bGXX-006/15                                                                                                                                                                            |     | <b>Course title:</b><br>Introduction to Environmental Inorganic Chemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |     |                                                                           |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                                                           |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                          |     |                                                                           |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                  |     |                                                                           |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                                                         | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                      | 0,0 | 0,0                                                                       | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. Ing. Karol Jesenák, PhD., RNDr. Marek Bujdoš, PhD., doc. RNDr. Peter Matúš, PhD., RNDr. Ingrid Hagarová, PhD., RNDr. Martin Urík, PhD.                                                           |     |                                                                           |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                                                           |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                                                           |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                       |     |                                                                                     |     |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |     |                                                                                     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |     |                                                                                     |     |     |     |
| <b>Course ID:</b><br>PriF.KIG/N-bGXX-021/15                                                                                                                                                           |     | <b>Course title:</b><br>Introduction to GIS in Engineering Geology and Hydrogeology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                                     |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                           |     |                                                                                     |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                       |     |                                                                                     |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                          |     |                                                                                     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |     |                                                                                     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |     |                                                                                     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |     |                                                                                     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |     |                                                                                     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |     |                                                                                     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |     |                                                                                     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |     |                                                                                     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                                               |     |                                                                                     |     |     |     |
| A                                                                                                                                                                                                     | B   | C                                                                                   | D   | E   | FX  |
| 0,0                                                                                                                                                                                                   | 0,0 | 100,0                                                                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Martin Bednarik, PhD., doc. RNDr. Dávid Krčmář, PhD.                                                                                                                     |     |                                                                                     |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                   |     |                                                                                     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                   |     |                                                                                     |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |      |                                                             |     |      |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------|-----|------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |      |                                                             |     |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                                             |     |      |     |
| <b>Course ID:</b><br>PriF.KLG/N-bGXX-001/15                                                                                                                                                        |      | <b>Course title:</b><br>Introduction to Mining and Drilling |     |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                                             |     |      |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                                             |     |      |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |      |                                                             |     |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                                             |     |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                             |     |      |     |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                             |     |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                             |     |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                             |     |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                             |     |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                             |     |      |     |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                             |     |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 25                                                                                                                           |      |                                                             |     |      |     |
| A                                                                                                                                                                                                  | B    | C                                                           | D   | E    | FX  |
| 56,0                                                                                                                                                                                               | 12,0 | 0,0                                                         | 8,0 | 24,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Peter Šottník, PhD., doc. RNDr. Martin Bednarik, PhD., Mgr. Rudolf Tornyai, PhD.                                                                                       |      |                                                             |     |      |     |
| <b>Last change:</b>                                                                                                                                                                                |      |                                                             |     |      |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |      |                                                             |     |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |       |                                                        |      |      |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------|------|------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |       |                                                        |      |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |       |                                                        |      |      |     |
| <b>Course ID:</b><br>PriF.KDPP/N-bXDI-004/10                                                                                                                                                                          |       | <b>Course title:</b><br>Introduction to Philosophy (1) |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |       |                                                        |      |      |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                           |       |                                                        |      |      |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                       |       |                                                        |      |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |       |                                                        |      |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |       |                                                        |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |       |                                                        |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |       |                                                        |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |       |                                                        |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |       |                                                        |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |       |                                                        |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                                         |       |                                                        |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1607                                                                                                                                            |       |                                                        |      |      |     |
| A                                                                                                                                                                                                                     | B     | C                                                      | D    | E    | FX  |
| 49,78                                                                                                                                                                                                                 | 36,65 | 13,13                                                  | 0,31 | 0,12 | 0,0 |
| <b>Lecturers:</b> Mgr. Štefan Zolcer, PhD.                                                                                                                                                                            |       |                                                        |      |      |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                        |       |                                                        |      |      |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                   |       |                                                        |      |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |       |                                                        |     |      |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------|-----|------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |       |                                                        |     |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |       |                                                        |     |      |     |
| <b>Course ID:</b><br>PriF.KDPP/N-bXDI-005/10                                                                                                                                                                          |       | <b>Course title:</b><br>Introduction to Philosophy (2) |     |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |       |                                                        |     |      |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                           |       |                                                        |     |      |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                       |       |                                                        |     |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |       |                                                        |     |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |       |                                                        |     |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |       |                                                        |     |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |       |                                                        |     |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |       |                                                        |     |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |       |                                                        |     |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |       |                                                        |     |      |     |
| <b>Notes:</b>                                                                                                                                                                                                         |       |                                                        |     |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1314                                                                                                                                            |       |                                                        |     |      |     |
| A                                                                                                                                                                                                                     | B     | C                                                      | D   | E    | FX  |
| 49,16                                                                                                                                                                                                                 | 33,79 | 16,36                                                  | 0,3 | 0,38 | 0,0 |
| <b>Lecturers:</b> Mgr. Štefan Zolcer, PhD.                                                                                                                                                                            |       |                                                        |     |      |     |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                        |       |                                                        |     |      |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                   |       |                                                        |     |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                     |       |                                                                                    |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                |       |                                                                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                         |       |                                                                                    |     |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGPA-108/18                                                                                                                                                         |       | <b>Course title:</b><br>Marine Sciences, Paleoceanography – proxy, Collecting data |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> course<br><b>Number of hours:</b><br><b>per week:</b> 15 <b>per level/semester:</b> 210<br><b>Form of the course:</b> on-site learning |       |                                                                                    |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                                         |       |                                                                                    |     |     |     |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                             |       |                                                                                    |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                        |       |                                                                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                               |       |                                                                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                         |       |                                                                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                           |       |                                                                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                              |       |                                                                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                      |       |                                                                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                  |       |                                                                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                       |       |                                                                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 23                                                                                                                            |       |                                                                                    |     |     |     |
| A                                                                                                                                                                                                   | B     | C                                                                                  | D   | E   | FX  |
| 60,87                                                                                                                                                                                               | 30,43 | 8,7                                                                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Natália Hlavatá Hudáčková, PhD.                                                                                                                                         |       |                                                                                    |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                 |       |                                                                                    |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                 |       |                                                                                    |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                              |      |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------|------|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |       |                                              |      |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                              |      |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGXX-033/11                                                                                                                                                        |       | <b>Course title:</b><br>Marine palaeobiology |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                              |      |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                              |      |     |     |
| <b>Recommended semester:</b> 3., 5.                                                                                                                                                                |       |                                              |      |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                              |      |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                              |      |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                              |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                              |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                              |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                              |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                              |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                              |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 80                                                                                                                           |       |                                              |      |     |     |
| A                                                                                                                                                                                                  | B     | C                                            | D    | E   | FX  |
| 76,25                                                                                                                                                                                              | 18,75 | 3,75                                         | 1,25 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Natália Hlavatá Hudáčková, PhD.                                                                                                                                        |       |                                              |      |     |     |
| <b>Last change:</b>                                                                                                                                                                                |       |                                              |      |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |       |                                              |      |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |      |                                         |       |      |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------|-------|------|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |      |                                         |       |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |      |                                         |       |      |       |
| <b>Course ID:</b><br>PriF.KAEG/N-bGXX-001/15                                                                                                                                                                             |      | <b>Course title:</b><br>Mathematics (1) |       |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |      |                                         |       |      |       |
| <b>Number of credits:</b> 5                                                                                                                                                                                              |      |                                         |       |      |       |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                          |      |                                         |       |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                                             |      |                                         |       |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |      |                                         |       |      |       |
| <b>Course requirements:</b>                                                                                                                                                                                              |      |                                         |       |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |      |                                         |       |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |      |                                         |       |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                                           |      |                                         |       |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |      |                                         |       |      |       |
| <b>Notes:</b>                                                                                                                                                                                                            |      |                                         |       |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 52                                                                                                                                                 |      |                                         |       |      |       |
| A                                                                                                                                                                                                                        | B    | C                                       | D     | E    | FX    |
| 15,38                                                                                                                                                                                                                    | 5,77 | 13,46                                   | 11,54 | 25,0 | 28,85 |
| <b>Lecturers:</b> prof. RNDr. Miroslav Bielik, DrSc., RNDr. Bibiana Brixová, PhD.                                                                                                                                        |      |                                         |       |      |       |
| <b>Last change:</b>                                                                                                                                                                                                      |      |                                         |       |      |       |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |      |                                         |       |      |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                         |     |     |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------|-----|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                         |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                         |     |     |      |
| <b>Course ID:</b><br>PriF.KAEG/N-bGXX-012/15                                                                                                                                                                             |     | <b>Course title:</b><br>Mathematics (2) |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |     |                                         |     |     |      |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                         |     |     |      |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                          |     |                                         |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                         |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                         |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                         |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                         |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                         |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                         |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                         |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                         |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 20                                                                                                                                                 |     |                                         |     |     |      |
| A                                                                                                                                                                                                                        | B   | C                                       | D   | E   | FX   |
| 90,0                                                                                                                                                                                                                     | 0,0 | 0,0                                     | 0,0 | 0,0 | 10,0 |
| <b>Lecturers:</b> RNDr. Bibiana Brixová, PhD., doc. RNDr. Roman Pašteka, PhD.                                                                                                                                            |     |                                         |     |     |      |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                         |     |     |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                         |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                              |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |       |                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KGCh/N-bGCH-030/15                                                                                                                                                       |       | <b>Course title:</b><br>Medical Geochemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                              |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                              |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |       |                                              |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 6                                                                                                                            |       |                                              |     |     |     |
| A                                                                                                                                                                                                  | B     | C                                            | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 100,0 | 0,0                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Edgar Hiller, PhD., RNDr. Ľubomír Jurkovič, PhD.                                                                                                                     |       |                                              |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |       |                                              |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |       |                                              |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                                                             |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                                                             |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                                                             |     |     |     |
| <b>Course ID:</b><br>PriF.GÚ/N-bGXX-372/15                                                                                                                                                                               |     | <b>Course title:</b><br>Methods of Laboratory Research of Natural Materials |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |     |                                                                             |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                                                             |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                          |     |                                                                             |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                                                             |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                                                             |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                                                             |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                                                             |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                                                             |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                                                             |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                                                             |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                                                             |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                  |     |                                                                             |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                                                           | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                      | 0,0 | 0,0                                                                         | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Marek Bujdoš, PhD., RNDr. Ingrid Hagarová, PhD., Mgr. Lucia Nemček, PhD.,<br>doc. RNDr. Peter Matúš, PhD., prof. Ing. Marcel Miglierini, DrSc., RNDr. Martin Urik, PhD.                          |     |                                                                             |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                                                             |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                                                             |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |      |                                                              |     |     |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------|-----|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |      |                                                              |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |      |                                                              |     |     |      |
| <b>Course ID:</b><br>PriF.KGP/N-bGXX-060/15                                                                                                                                                                              |      | <b>Course title:</b><br>Methods of field geological research |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |      |                                                              |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                              |      |                                                              |     |     |      |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                          |      |                                                              |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                             |      |                                                              |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |      |                                                              |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                              |      |                                                              |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |      |                                                              |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |      |                                                              |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                           |      |                                                              |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |      |                                                              |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                                            |      |                                                              |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 20                                                                                                                                                 |      |                                                              |     |     |      |
| A                                                                                                                                                                                                                        | B    | C                                                            | D   | E   | FX   |
| 30,0                                                                                                                                                                                                                     | 40,0 | 10,0                                                         | 5,0 | 5,0 | 10,0 |
| <b>Lecturers:</b> doc. RNDr. František Marko, CSc.                                                                                                                                                                       |      |                                                              |     |     |      |
| <b>Last change:</b>                                                                                                                                                                                                      |      |                                                              |     |     |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |      |                                                              |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                                              |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGPA-020/15                                                                                                                                                                              |     | <b>Course title:</b><br>Methods of palaeontological research |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |     |                                                              |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                                              |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                          |     |                                                              |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 6                                                                                                                                                  |     |                                                              |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                                            | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                    | 0,0 | 0,0                                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Marianna Kováčová, PhD., doc. Mgr. Natália Hlavatá Hudáčková, PhD.                                                                                                                          |     |                                                              |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                                              |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                                              |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                     |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                     |     |     |     |
| <b>Course ID:</b><br>PriF.KMB/N-bBUB-004/16                                                                                                                                                        |     | <b>Course title:</b><br>Microbiology of Hydrosphere |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |     |                                                     |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                                     |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                     |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                            |     |                                                     |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                   | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Milan Seman, CSc.                                                                                                                                                     |     |                                                     |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                     |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                                            |      |      |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------|------|------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                                            |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                                            |      |      |      |
| <b>Course ID:</b><br>PriF.KMP/N-bGXX-001/15                                                                                                                                                                              |       | <b>Course title:</b><br>Microscopic Properties of Minerals |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                                            |      |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                              |       |                                                            |      |      |      |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                          |       |                                                            |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                                            |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                                            |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                                            |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                                            |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                                            |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                                            |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                                            |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                                            |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 31                                                                                                                                                 |       |                                                            |      |      |      |
| A                                                                                                                                                                                                                        | B     | C                                                          | D    | E    | FX   |
| 16,13                                                                                                                                                                                                                    | 32,26 | 29,03                                                      | 9,68 | 9,68 | 3,23 |
| <b>Lecturers:</b> doc. RNDr. Monika Huraiová, PhD.                                                                                                                                                                       |       |                                                            |      |      |      |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                                            |      |      |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                                            |      |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                       |      |                                                             |     |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |      |                                                             |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |      |                                                             |     |     |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGMP-001/15                                                                                                                                                           |      | <b>Course title:</b><br>Microscopy of Rock-forming Minerals |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                                             |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                           |      |                                                             |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                       |      |                                                             |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                          |      |                                                             |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |      |                                                             |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |      |                                                             |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |      |                                                             |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |      |                                                             |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |      |                                                             |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |      |                                                             |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |      |                                                             |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 10                                                                                                                              |      |                                                             |     |     |     |
| A                                                                                                                                                                                                     | B    | C                                                           | D   | E   | FX  |
| 40,0                                                                                                                                                                                                  | 30,0 | 30,0                                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Martin Ondrejka, PhD., RNDr. Peter Ružička, PhD., Mgr. Katarína Šarinová, PhD., Mgr. Ondrej Nemec, PhD.                                                                   |      |                                                             |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                   |      |                                                             |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                   |      |                                                             |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |      |                                           |      |      |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------|------|------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |      |                                           |      |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |      |                                           |      |      |     |
| <b>Course ID:</b><br>PriF.KLG/N-bGCH-004/15                                                                                                                                                                              |      | <b>Course title:</b><br>Mineral Resources |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |      |                                           |      |      |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |      |                                           |      |      |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                          |      |                                           |      |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |      |                                           |      |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |      |                                           |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |      |                                           |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |      |                                           |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |      |                                           |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |      |                                           |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |      |                                           |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                                            |      |                                           |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 20                                                                                                                                                 |      |                                           |      |      |     |
| A                                                                                                                                                                                                                        | B    | C                                         | D    | E    | FX  |
| 5,0                                                                                                                                                                                                                      | 15,0 | 30,0                                      | 30,0 | 20,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Peter Koděra, PhD., doc. Mgr. Peter Šottník, PhD., doc. Mgr. Peter Uhlík, PhD.                                                                                                               |      |                                           |      |      |     |
| <b>Last change:</b>                                                                                                                                                                                                      |      |                                           |      |      |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |      |                                           |      |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                               |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                               |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                               |     |     |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGXX-022/16                                                                                                                                                        |     | <b>Course title:</b><br>Mineralogical Seminar |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                               |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                               |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |     |                                               |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                               |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                               |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                               |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                               |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                               |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                               |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                               |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                               |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                                            |     |                                               |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                             | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                           | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Peter Bačík, PhD., Mgr. Daniel Ozdín, PhD.                                                                                                                             |     |                                               |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                               |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                               |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                        |      |      |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------|------|------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                        |      |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                        |      |      |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGXX-002/15                                                                                                                                                                              |       | <b>Course title:</b><br>Mineralogy (1) |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                        |      |      |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |       |                                        |      |      |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                          |       |                                        |      |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                        |      |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                        |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                        |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                        |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                        |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                        |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                        |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                        |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 33                                                                                                                                                 |       |                                        |      |      |     |
| A                                                                                                                                                                                                                        | B     | C                                      | D    | E    | FX  |
| 30,3                                                                                                                                                                                                                     | 39,39 | 18,18                                  | 9,09 | 3,03 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Peter Bačík, PhD., Mgr. Daniel Ozdín, PhD., RNDr. Jana Fridrichová, PhD.                                                                                                                     |       |                                        |      |      |     |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                        |      |      |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                        |      |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                        |      |      |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------|------|------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                        |      |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                        |      |      |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGXX-009/15                                                                                                                                                                              |       | <b>Course title:</b><br>Mineralogy (2) |      |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                        |      |      |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |       |                                        |      |      |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                          |       |                                        |      |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                        |      |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                        |      |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                        |      |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                        |      |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                        |      |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                        |      |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                        |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                        |      |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 24                                                                                                                                                 |       |                                        |      |      |     |
| A                                                                                                                                                                                                                        | B     | C                                      | D    | E    | FX  |
| 29,17                                                                                                                                                                                                                    | 58,33 | 4,17                                   | 4,17 | 4,17 | 0,0 |
| <b>Lecturers:</b> Mgr. Daniel Ozdín, PhD., prof. RNDr. Pavel Uher, CSc.                                                                                                                                                  |       |                                        |      |      |     |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                        |      |      |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                        |      |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                              |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGMP-011/15                                                                                                                                                        |     | <b>Course title:</b><br>Minerals of Slovakia |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                              |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                              |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |     |                                              |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 11                                                                                                                           |     |                                              |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                            | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Daniel Ozdín, PhD.                                                                                                                                                          |     |                                              |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                              |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                              |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                                 |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                                 |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                                 |     |     |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGMP-016/16                                                                                                                                                        |     | <b>Course title:</b><br>Museology and Protection of Inanimate Natural Materials |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                                 |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                                 |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                                                 |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                                 |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                                 |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                                 |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                                 |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                                 |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                                 |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                                 |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                                 |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 3                                                                                                                            |     |                                                                                 |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                               | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                                             | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Daniel Ozdín, PhD., RNDr. Peter Ružička, PhD.                                                                                                                               |     |                                                                                 |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                                 |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                                                 |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                      |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                      |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                      |     |     |     |
| <b>Course ID:</b><br>PriF.KLG/N-bGZL-010/16                                                                                                                                                                              |     | <b>Course title:</b><br>Ore Deposits |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |     |                                      |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                      |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                          |     |                                      |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                      |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                      |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                      |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                      |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                      |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                      |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                      |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                      |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                  |     |                                      |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                    | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                      | 0,0 | 0,0                                  | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Peter Koděra, PhD., doc. Mgr. Peter Šottník, PhD.                                                                                                                                            |     |                                      |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                      |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                      |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                           |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                           |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                           |     |     |     |
| <b>Course ID:</b><br>PriF.KHy/N-bGXX-028/15                                                                                                                                                        |     | <b>Course title:</b><br>Organisation of Geological Survey and Legislation |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning |     |                                                                           |     |     |     |
| <b>Number of credits:</b> 1                                                                                                                                                                        |     |                                                                           |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                    |     |                                                                           |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                            |     |                                                                           |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                         | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                                                       | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Zlatica Ženišová, PhD.                                                                                                                                               |     |                                                                           |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                           |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                                           |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                              |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGDG-002/16                                                                                                                                                                              |     | <b>Course title:</b><br>Orientation Analysis |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |     |                                              |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                              |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                          |     |                                              |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                                                                  |     |                                              |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                            | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                    | 0,0 | 0,0                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. František Marko, CSc.                                                                                                                                                                       |     |                                              |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                              |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                              |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                         |      |       |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------|------|-------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                         |      |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                         |      |       |      |
| <b>Course ID:</b><br>PriF.KGP/N-bGXX-005/15                                                                                                                                                                              |       | <b>Course title:</b><br>Palaeontology 1 |      |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                         |      |       |      |
| <b>Number of credits:</b> 5                                                                                                                                                                                              |       |                                         |      |       |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                          |       |                                         |      |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                         |      |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                         |      |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                         |      |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                         |      |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                         |      |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                         |      |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                         |      |       |      |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                         |      |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 35                                                                                                                                                 |       |                                         |      |       |      |
| A                                                                                                                                                                                                                        | B     | C                                       | D    | E     | FX   |
| 11,43                                                                                                                                                                                                                    | 14,29 | 34,29                                   | 20,0 | 14,29 | 5,71 |
| <b>Lecturers:</b> doc. Mgr. Natália Hlavatá Hudáčková, PhD., doc. RNDr. Marianna Kováčová, PhD.,<br>doc. Mgr. Martin Sabol, PhD.                                                                                         |       |                                         |      |       |      |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                         |      |       |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                         |      |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                 |     |                                          |     |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                            |     |                                          |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                     |     |                                          |     |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGXX-032/11                                                                                                                                                     |     | <b>Course title:</b><br>Palaeopalynology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> course<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 5d<br><b>Form of the course:</b> on-site learning |     |                                          |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                     |     |                                          |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                 |     |                                          |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                    |     |                                          |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                           |     |                                          |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                     |     |                                          |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                       |     |                                          |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                          |     |                                          |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                  |     |                                          |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                              |     |                                          |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                   |     |                                          |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 9                                                                                                                         |     |                                          |     |     |     |
| A                                                                                                                                                                                               | B   | C                                        | D   | E   | FX  |
| 100,0                                                                                                                                                                                           | 0,0 | 0,0                                      | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Marianna Kováčová, PhD.                                                                                                                                            |     |                                          |     |     |     |
| <b>Last change:</b>                                                                                                                                                                             |     |                                          |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                             |     |                                          |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |      |                                                       |      |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------|------|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |      |                                                       |      |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |      |                                                       |      |     |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGXX-011/15                                                                                                                                                                              |      | <b>Course title:</b><br>Petrography of Magmatic Rocks |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |      |                                                       |      |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |      |                                                       |      |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                          |      |                                                       |      |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |      |                                                       |      |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |      |                                                       |      |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |      |                                                       |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |      |                                                       |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |      |                                                       |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |      |                                                       |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |      |                                                       |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |      |                                                       |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 20                                                                                                                                                 |      |                                                       |      |     |     |
| A                                                                                                                                                                                                                        | B    | C                                                     | D    | E   | FX  |
| 20,0                                                                                                                                                                                                                     | 30,0 | 25,0                                                  | 15,0 | 5,0 | 5,0 |
| <b>Lecturers:</b> doc. Mgr. Martin Ondrejka, PhD.                                                                                                                                                                        |      |                                                       |      |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |      |                                                       |      |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |      |                                                       |      |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |      |                                                          |     |      |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------|-----|------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |      |                                                          |     |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |      |                                                          |     |      |      |
| <b>Course ID:</b><br>PriF.KMP/N-bGXX-014/15                                                                                                                                                                              |      | <b>Course title:</b><br>Petrography of Metamorphic Rocks |     |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |      |                                                          |     |      |      |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |      |                                                          |     |      |      |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                          |      |                                                          |     |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                             |      |                                                          |     |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |      |                                                          |     |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                              |      |                                                          |     |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |      |                                                          |     |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |      |                                                          |     |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                           |      |                                                          |     |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |      |                                                          |     |      |      |
| <b>Notes:</b>                                                                                                                                                                                                            |      |                                                          |     |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 16                                                                                                                                                 |      |                                                          |     |      |      |
| A                                                                                                                                                                                                                        | B    | C                                                        | D   | E    | FX   |
| 25,0                                                                                                                                                                                                                     | 25,0 | 37,5                                                     | 0,0 | 6,25 | 6,25 |
| <b>Lecturers:</b> prof. RNDr. Marián Putiš, DrSc., RNDr. Peter Ružička, PhD.                                                                                                                                             |      |                                                          |     |      |      |
| <b>Last change:</b>                                                                                                                                                                                                      |      |                                                          |     |      |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |      |                                                          |     |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                                          |       |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------|-------|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                                          |       |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                                          |       |     |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGXX-015/15                                                                                                                                                                              |       | <b>Course title:</b><br>Petrography of Sedimentary Rocks |       |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                                          |       |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                              |       |                                                          |       |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                          |       |                                                          |       |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                                          |       |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                                          |       |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                                          |       |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                                          |       |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                                          |       |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                                          |       |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                                          |       |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                                          |       |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 15                                                                                                                                                 |       |                                                          |       |     |     |
| A                                                                                                                                                                                                                        | B     | C                                                        | D     | E   | FX  |
| 26,67                                                                                                                                                                                                                    | 33,33 | 26,67                                                    | 13,33 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Marián Putiš, DrSc., Mgr. Katarína Šarinová, PhD.                                                                                                                                          |       |                                                          |       |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                                          |       |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                                          |       |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                    |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                    |     |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGXX-051/15                                                                                                                                                        |     | <b>Course title:</b><br>Physical Geology Seminar 1 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                    |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                    |     |     |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                    |     |                                                    |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 41                                                                                                                           |     |                                                    |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                  | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Jozef Hók, CSc.                                                                                                                                                       |     |                                                    |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                    |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                    |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                    |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                    |     |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGXX-052/15                                                                                                                                                        |     | <b>Course title:</b><br>Physical Geology Seminar 2 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                    |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                    |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |     |                                                    |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 25                                                                                                                           |     |                                                    |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                  | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Jozef Hók, CSc.                                                                                                                                                       |     |                                                    |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                    |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                    |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                    |       |       |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------|-------|-------|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                    |       |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                    |       |       |       |
| <b>Course ID:</b><br>PriF.KIG/N-bGIH-001/15                                                                                                                                                        |     | <b>Course title:</b><br>Physical and Technical Properties of Rocks |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                    |       |       |       |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                                                    |       |       |       |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |     |                                                                    |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                    |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                    |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                    |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                    |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                    |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                    |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                    |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                    |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 27                                                                                                                           |     |                                                                    |       |       |       |
| A                                                                                                                                                                                                  | B   | C                                                                  | D     | E     | FX    |
| 3,7                                                                                                                                                                                                | 3,7 | 14,81                                                              | 25,93 | 25,93 | 25,93 |
| <b>Lecturers:</b> doc. RNDr. Renáta Adamcová, PhD., RNDr. Tatiana Durmeková, PhD.                                                                                                                  |     |                                                                    |       |       |       |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                    |       |       |       |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                                    |       |       |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                                                    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                                                    |     |     |     |
| <b>Course ID:</b><br>PriF.KGCh/N-bGXX-020/15                                                                                                                                                                             |     | <b>Course title:</b><br>Physical chemistry in geological processes |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |     |                                                                    |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                                                    |     |     |     |
| <b>Recommended semester:</b> 3., 5.                                                                                                                                                                                      |     |                                                                    |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                                                  |     |                                                                    |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                                                  | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                      | 0,0 | 100,0                                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Edgar Hiller, PhD., doc. RNDr. Monika Huraiová, PhD.                                                                                                                                       |     |                                                                    |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                                                    |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                                                    |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                            |       |      |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------|-------|------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                            |       |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                            |       |      |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGXX-001/15                                                                                                                                                                              |       | <b>Course title:</b><br>Physical geology 1 |       |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                            |       |      |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |       |                                            |       |      |     |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                          |       |                                            |       |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                            |       |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                            |       |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                            |       |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                            |       |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                            |       |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                            |       |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                            |       |      |     |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                            |       |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 60                                                                                                                                                 |       |                                            |       |      |     |
| A                                                                                                                                                                                                                        | B     | C                                          | D     | E    | FX  |
| 30,0                                                                                                                                                                                                                     | 26,67 | 21,67                                      | 11,67 | 10,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Milan Sýkora, CSc., doc. RNDr. Jozef Hók, CSc., Mgr. Ondrej Pelech, PhD.                                                                                                                    |       |                                            |       |      |     |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                            |       |      |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                            |       |      |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                            |       |       |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------|-------|-------|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                            |       |       |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                            |       |       |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGXX-007/15                                                                                                                                                                              |       | <b>Course title:</b><br>Physical geology 2 |       |       |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                            |       |       |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |       |                                            |       |       |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                          |       |                                            |       |       |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                            |       |       |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                            |       |       |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                            |       |       |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                            |       |       |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                            |       |       |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                            |       |       |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                            |       |       |     |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                            |       |       |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 46                                                                                                                                                 |       |                                            |       |       |     |
| A                                                                                                                                                                                                                        | B     | C                                          | D     | E     | FX  |
| 34,78                                                                                                                                                                                                                    | 13,04 | 15,22                                      | 21,74 | 15,22 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Milan Sýkora, CSc., doc. RNDr. Jozef Hók, CSc., Mgr. Ondrej Pelech, PhD.                                                                                                                    |       |                                            |       |       |     |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                            |       |       |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                            |       |       |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                 |       |       |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------|-------|-------|-------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                 |       |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                 |       |       |       |
| <b>Course ID:</b><br>PriF.KAEG/N-bGXX-006/15                                                                                                                                                                             |       | <b>Course title:</b><br>Physics |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                 |       |       |       |
| <b>Number of credits:</b> 5                                                                                                                                                                                              |       |                                 |       |       |       |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                          |       |                                 |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                 |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                 |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                 |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                 |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                 |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                 |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                 |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                 |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 45                                                                                                                                                 |       |                                 |       |       |       |
| A                                                                                                                                                                                                                        | B     | C                               | D     | E     | FX    |
| 8,89                                                                                                                                                                                                                     | 11,11 | 17,78                           | 26,67 | 17,78 | 17,78 |
| <b>Lecturers:</b> doc. RNDr. Roman Pašteka, PhD., doc. Mgr. Vladimír Greif, PhD., Mgr. Rudolf Tornyai, PhD.                                                                                                              |       |                                 |       |       |       |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                 |       |       |       |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                 |       |       |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |      |                                              |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |      |                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |      |                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KIG/N-bGXX-029/16                                                                                                                                                                              |      | <b>Course title:</b><br>Physics of the Earth |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |      |                                              |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |      |                                              |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                          |      |                                              |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |      |                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |      |                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |      |                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |      |                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |      |                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |      |                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |      |                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |      |                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                                                  |      |                                              |     |     |     |
| A                                                                                                                                                                                                                        | B    | C                                            | D   | E   | FX  |
| 50,0                                                                                                                                                                                                                     | 25,0 | 25,0                                         | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Vladimír Greif, PhD., RNDr. Adriana Ondrášková, PhD.                                                                                                                                         |      |                                              |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |      |                                              |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |      |                                              |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                         |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                         |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                         |     |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGXX-059/15                                                                                                                                                        |     | <b>Course title:</b><br>Pollen Analysis |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                         |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                         |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                         |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                         |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                         |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                         |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                         |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                         |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                         |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                         |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                         |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                            |     |                                         |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                       | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                     | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Marianna Kováčová, PhD.                                                                                                                                               |     |                                         |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                         |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                         |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                       |     |                                                |     |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |     |                                                |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |     |                                                |     |     |     |
| <b>Course ID:</b><br>PriF.KAEG/N-bGAF-031/16                                                                                                                                                          |     | <b>Course title:</b><br>Practicum from Physics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |     |                                                |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                           |     |                                                |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                       |     |                                                |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                          |     |                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |     |                                                |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |     |                                                |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |     |                                                |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |     |                                                |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |     |                                                |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |     |                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |     |                                                |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                               |     |                                                |     |     |     |
| A                                                                                                                                                                                                     | B   | C                                              | D   | E   | FX  |
| 0,0                                                                                                                                                                                                   | 0,0 | 0,0                                            | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Tomáš Roch, Dr.                                                                                                                                                          |     |                                                |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                   |     |                                                |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                   |     |                                                |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                                     |      |      |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------|------|------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |       |                                                                     |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                                     |      |      |      |
| <b>Course ID:</b><br>PriF.KHy/N-bGXX-029/15                                                                                                                                                        |       | <b>Course title:</b><br>Principles of Hydrogeological Investigation |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                     |      |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                                                     |      |      |      |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |       |                                                                     |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                                     |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                                     |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                                     |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                                     |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                                     |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                                     |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                                     |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                                     |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 22                                                                                                                           |       |                                                                     |      |      |      |
| A                                                                                                                                                                                                  | B     | C                                                                   | D    | E    | FX   |
| 22,73                                                                                                                                                                                              | 31,82 | 27,27                                                               | 4,55 | 9,09 | 4,55 |
| <b>Lecturers:</b> doc. RNDr. Dávid Krčmář, PhD.                                                                                                                                                    |       |                                                                     |      |      |      |
| <b>Last change:</b>                                                                                                                                                                                |       |                                                                     |      |      |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |       |                                                                     |      |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                       |     |                                               |     |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |     |                                               |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |     |                                               |     |     |     |
| <b>Course ID:</b><br>PriF.KAEG/N-bGAF-050/16                                                                                                                                                          |     | <b>Course title:</b><br>Programming in MATLAB |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning |     |                                               |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                           |     |                                               |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                       |     |                                               |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                          |     |                                               |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |     |                                               |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |     |                                               |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |     |                                               |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |     |                                               |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |     |                                               |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |     |                                               |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |     |                                               |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                                               |     |                                               |     |     |     |
| A                                                                                                                                                                                                     | B   | C                                             | D   | E   | FX  |
| 100,0                                                                                                                                                                                                 | 0,0 | 0,0                                           | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Bibiana Brixová, PhD., Mgr. Dávid Kušnirák, PhD., doc. RNDr. Roman Pašteka, PhD.                                                                                              |     |                                               |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                   |     |                                               |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                   |     |                                               |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                         |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                         |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                         |     |     |     |
| <b>Course ID:</b><br>PriF.KHy/N-bGIH-038/16                                                                                                                                                        |     | <b>Course title:</b><br>Quality Monitoring of Natural and Sewage Waters |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                         |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                                                         |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                                         |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                         |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                         |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                         |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                         |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                         |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                         |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                         |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                         |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                            |     |                                                                         |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                       | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                                                     | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Zlatica Ženišová, PhD.                                                                                                                                               |     |                                                                         |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                         |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                                         |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |      |                                                  |      |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------|------|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |      |                                                  |      |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                                  |      |     |     |
| <b>Course ID:</b><br>PriF.KHy/N-bGXX-030/15                                                                                                                                                        |      | <b>Course title:</b><br>Renewable Energy Sources |      |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                                  |      |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |      |                                                  |      |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |      |                                                  |      |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                                  |      |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                  |      |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                  |      |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                  |      |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                  |      |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                  |      |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                  |      |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                  |      |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                            |      |                                                  |      |     |     |
| A                                                                                                                                                                                                  | B    | C                                                | D    | E   | FX  |
| 0,0                                                                                                                                                                                                | 50,0 | 25,0                                             | 25,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Marianna Molnárová, PhD., prof. RNDr. Peter Fedor, PhD., prof. Ing. Eva Chmielewská, CSc., doc. Mgr. Ivan Šimkovic, PhD.                                              |      |                                                  |      |     |     |
| <b>Last change:</b>                                                                                                                                                                                |      |                                                  |      |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |      |                                                  |      |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |       |                                  |      |      |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------|------|------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |       |                                  |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |       |                                  |      |      |      |
| <b>Course ID:</b><br>PriF.KDPP/N-bXDI-006/10                                                                                                                                                                          |       | <b>Course title:</b><br>Rhetoric |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |       |                                  |      |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                           |       |                                  |      |      |      |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                               |       |                                  |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                          |       |                                  |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |       |                                  |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                           |       |                                  |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |       |                                  |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                |       |                                  |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                        |       |                                  |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |       |                                  |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                                         |       |                                  |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1227                                                                                                                                            |       |                                  |      |      |      |
| A                                                                                                                                                                                                                     | B     | C                                | D    | E    | FX   |
| 53,46                                                                                                                                                                                                                 | 36,67 | 8,48                             | 0,73 | 0,33 | 0,33 |
| <b>Lecturers:</b> Mgr. Štefan Zolcer, PhD.                                                                                                                                                                            |       |                                  |      |      |      |
| <b>Last change:</b>                                                                                                                                                                                                   |       |                                  |      |      |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                   |       |                                  |      |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |       |                                  |      |      |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------|------|------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                  |       |                                  |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |       |                                  |      |      |      |
| <b>Course ID:</b><br>PriF.KDPP/N-bXDI-007/10                                                                                                                                                                          |       | <b>Course title:</b><br>Rhetoric |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |       |                                  |      |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                           |       |                                  |      |      |      |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                                               |       |                                  |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                          |       |                                  |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |       |                                  |      |      |      |
| <b>Antirequisites:</b> PriF.KDPP/N-bXDI-006/10                                                                                                                                                                        |       |                                  |      |      |      |
| <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: 949                                                                                                                                             |       |                                  |      |      |      |
| A                                                                                                                                                                                                                     | B     | C                                | D    | E    | FX   |
| 53,42                                                                                                                                                                                                                 | 32,67 | 13,17                            | 0,32 | 0,21 | 0,21 |
| <b>Lecturers:</b> Mgr. Štefan Zolcer, PhD.                                                                                                                                                                            |       |                                  |      |      |      |
| <b>Last change:</b>                                                                                                                                                                                                   |       |                                  |      |      |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                   |       |                                  |      |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                                    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                                    |     |     |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGMP-028/16                                                                                                                                                                              |     | <b>Course title:</b><br>Rocks under the Microscope |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |     |                                                    |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                                    |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                          |     |                                                    |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 3                                                                                                                                                  |     |                                                    |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                                  | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                    | 0,0 | 0,0                                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Martin Ondrejka, PhD., prof. RNDr. Marián Putiš, DrSc., RNDr. Peter Ružička, PhD., Mgr. Katarína Šarinová, PhD.                                                                              |     |                                                    |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                                    |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                                    |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                              |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KMP/N-bGMP-025/16                                                                                                                                                        |     | <b>Course title:</b><br>Sedimentary Textures |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                              |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                              |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                              |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 3                                                                                                                            |     |                                              |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                            | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Marián Putiš, DrSc., Mgr. Katarína Šarinová, PhD.                                                                                                                    |     |                                              |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                              |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                              |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                         |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                         |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                         |     |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGZL-107/16                                                                                                                                                                              |     | <b>Course title:</b><br>Sedimentology 1 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |     |                                         |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                         |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                          |     |                                         |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                         |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                         |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                         |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                         |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                         |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                         |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                         |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                         |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                                                  |     |                                         |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                       | D   | E   | FX  |
| 75,0                                                                                                                                                                                                                     | 0,0 | 25,0                                    | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Milan Sýkora, CSc., prof. RNDr. Michal Kováč, DrSc., Mgr. Michal Šujan, PhD.                                                                                                                |     |                                         |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                         |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                         |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                    |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                    |     |     |     |
| <b>Course ID:</b><br>PriF.KGCh/N-bEXX-010/15                                                                                                                                                       |     | <b>Course title:</b><br>Selected Chapters in Physical Geochemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                    |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                                                    |     |     |     |
| <b>Recommended semester:</b> 4., 6.                                                                                                                                                                |     |                                                                    |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                            |     |                                                                    |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                  | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Tomáš Lánczos, PhD., doc. RNDr. Ján Milička, CSc.                                                                                                                           |     |                                                                    |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                    |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                                    |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                    |     |     |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------|-----|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                    |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                    |     |     |      |
| <b>Course ID:</b><br>PriF.KAEG/N-bGAF-001/15                                                                                                                                                       |     | <b>Course title:</b><br>Seminar from Mathematics 1 |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                    |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                    |     |     |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                    |     |                                                    |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                    |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                    |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                    |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                    |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                    |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                    |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                    |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                    |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 20                                                                                                                           |     |                                                    |     |     |      |
| A                                                                                                                                                                                                  | B   | C                                                  | D   | E   | FX   |
| 80,0                                                                                                                                                                                               | 5,0 | 0,0                                                | 0,0 | 0,0 | 15,0 |
| <b>Lecturers:</b> prof. RNDr. Miroslav Bielik, DrSc., RNDr. Bibiana Brixová, PhD.                                                                                                                  |     |                                                    |     |     |      |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                    |     |     |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                    |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                  |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                  |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                  |     |     |     |
| <b>Course ID:</b><br>PriF.KAEG/N-bGAF-005/15                                                                                                                                                       |     | <b>Course title:</b><br>Seminar in Mathematics 2 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                  |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                  |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |     |                                                  |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                                            |     |                                                  |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Bibiana Brixová, PhD., doc. RNDr. Roman Pašteka, PhD.                                                                                                                      |     |                                                  |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                  |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                  |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                                               |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                                               |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                                               |     |     |     |
| <b>Course ID:</b><br>PriF.KAEG/N-bGAF-902/16                                                                                                                                                       |     | <b>Course title:</b><br>Seminary to bachelor thesis from applied and environmental geophysics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                                               |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                                                               |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                                                               |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                                               |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                                               |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                                               |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                                               |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                                               |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                                               |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                                               |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                                               |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                            |     |                                                                                               |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                                             | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                                                           | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Miroslav Bielik, DrSc., doc. RNDr. Roman Pašteka, PhD.                                                                                                               |     |                                                                                               |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                                               |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                                                               |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                                      |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                                      |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                                      |     |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGDG-006/16                                                                                                                                                        |     | <b>Course title:</b><br>Significant Geological Locations of Slovakia |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                      |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                                                      |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                                      |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                                      |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                                      |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                                      |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                                      |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                                      |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                                      |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                                      |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                                      |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 9                                                                                                                            |     |                                                                      |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                                    | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                                  | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Jozef Hók, CSc.                                                                                                                                                       |     |                                                                      |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                                      |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                                      |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |     |                                                   |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                               |     |                                                   |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                   |     |     |     |
| <b>Course ID:</b><br>PriF.KHy/N-bGIH-013/16                                                                                                                                                        |     | <b>Course title:</b><br>Software for Hydrogeology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                   |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                   |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |     |                                                   |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                   |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                   |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                   |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                   |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                   |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                   |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                   |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                   |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                            |     |                                                   |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                 | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Renáta Fláková, PhD., doc. RNDr. Dávid Krčmář, PhD., prof. RNDr. Zlatica Ženišová, PhD., prof. RNDr. Miriam Fendeková, CSc.                                           |     |                                                   |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                |     |                                                   |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                |     |                                                   |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                    |      |       |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------|------|-------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                    |      |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                    |      |       |      |
| <b>Course ID:</b><br>PriF.KGP/N-bGDG-003/16                                                                                                                                                                              |       | <b>Course title:</b><br>Speleology |      |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                    |      |       |      |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |       |                                    |      |       |      |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                          |       |                                    |      |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                    |      |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                    |      |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                    |      |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                    |      |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                    |      |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                    |      |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                    |      |       |      |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                    |      |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 123                                                                                                                                                |       |                                    |      |       |      |
| A                                                                                                                                                                                                                        | B     | C                                  | D    | E     | FX   |
| 25,2                                                                                                                                                                                                                     | 11,38 | 7,32                               | 5,69 | 48,78 | 1,63 |
| <b>Lecturers:</b> prof. RNDr. Roman Aubrecht, Dr., RNDr. Alexander Lačný, PhD.                                                                                                                                           |       |                                    |      |       |      |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                    |      |       |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                    |      |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |       |                                            |       |       |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------|-------|-------|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |       |                                            |       |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |       |                                            |       |       |      |
| <b>Course ID:</b><br>PriF.KGP/N-bGXX-015/15                                                                                                                                                                              |       | <b>Course title:</b><br>Structural Geology |       |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |       |                                            |       |       |      |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |       |                                            |       |       |      |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                          |       |                                            |       |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                             |       |                                            |       |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |       |                                            |       |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                              |       |                                            |       |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |       |                                            |       |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |       |                                            |       |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                           |       |                                            |       |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |       |                                            |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                                            |       |                                            |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 32                                                                                                                                                 |       |                                            |       |       |      |
| A                                                                                                                                                                                                                        | B     | C                                          | D     | E     | FX   |
| 21,88                                                                                                                                                                                                                    | 21,88 | 15,63                                      | 15,63 | 18,75 | 6,25 |
| <b>Lecturers:</b> doc. RNDr. František Marko, CSc.                                                                                                                                                                       |       |                                            |       |       |      |
| <b>Last change:</b>                                                                                                                                                                                                      |       |                                            |       |       |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |       |                                            |       |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                     |     |                                                                 |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                |     |                                                                 |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                         |     |                                                                 |     |     |     |
| <b>Course ID:</b><br>PriF.KAEG/N-bGAF-019/15                                                                                                                                                        |     | <b>Course title:</b><br>Summer International Geophysical School |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> fieldwork<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 15d<br><b>Form of the course:</b> on-site learning |     |                                                                 |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                         |     |                                                                 |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                     |     |                                                                 |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                        |     |                                                                 |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                               |     |                                                                 |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                         |     |                                                                 |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                           |     |                                                                 |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                              |     |                                                                 |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                      |     |                                                                 |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                  |     |                                                                 |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                       |     |                                                                 |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                             |     |                                                                 |     |     |     |
| A                                                                                                                                                                                                   | B   | C                                                               | D   | E   | FX  |
| 0,0                                                                                                                                                                                                 | 0,0 | 0,0                                                             | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Bibiana Brixová, PhD., Mgr. Ivan Dostál, PhD., Mgr. Dávid Kušnirák, PhD.,<br>doc. RNDr. Andrej Mojzeš, PhD., doc. RNDr. Roman Pašteka, PhD., RNDr. René Putiška, PhD.       |     |                                                                 |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                 |     |                                                                 |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                 |     |                                                                 |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |      |                                                                  |     |     |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------|-----|-----|------|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |      |                                                                  |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |      |                                                                  |     |     |      |
| <b>Course ID:</b><br>PriF.KIG/N-bGIH-031/10                                                                                                                                                                              |      | <b>Course title:</b><br>Use of Remote Sensing in Applied Geology |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |      |                                                                  |     |     |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                              |      |                                                                  |     |     |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                          |      |                                                                  |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                             |      |                                                                  |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |      |                                                                  |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                              |      |                                                                  |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |      |                                                                  |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |      |                                                                  |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                           |      |                                                                  |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |      |                                                                  |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                                            |      |                                                                  |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 21                                                                                                                                                 |      |                                                                  |     |     |      |
| A                                                                                                                                                                                                                        | B    | C                                                                | D   | E   | FX   |
| 85,71                                                                                                                                                                                                                    | 9,52 | 0,0                                                              | 0,0 | 0,0 | 4,76 |
| <b>Lecturers:</b> doc. RNDr. Martin Bednarik, PhD., doc. Mgr. Vladimír Greif, PhD.                                                                                                                                       |      |                                                                  |     |     |      |
| <b>Last change:</b> 02.06.2015                                                                                                                                                                                           |      |                                                                  |     |     |      |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |      |                                                                  |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                       |     |                                                                        |     |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                  |     |                                                                        |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |     |                                                                        |     |     |     |
| <b>Course ID:</b><br>PriF.KAEG/N-bGAF-024/16                                                                                                                                                          |     | <b>Course title:</b><br>Utilization of computer software in geophysics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                                        |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                           |     |                                                                        |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                       |     |                                                                        |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                          |     |                                                                        |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |     |                                                                        |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |     |                                                                        |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |     |                                                                        |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |     |                                                                        |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |     |                                                                        |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |     |                                                                        |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |     |                                                                        |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                               |     |                                                                        |     |     |     |
| A                                                                                                                                                                                                     | B   | C                                                                      | D   | E   | FX  |
| 100,0                                                                                                                                                                                                 | 0,0 | 0,0                                                                    | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Bibiana Brixová, PhD., Mgr. Ivan Dostál, PhD., Mgr. Dávid Kušnirák, PhD.,<br>doc. RNDr. Andrej Mojzeš, PhD., doc. RNDr. Roman Pašteka, PhD., RNDr. René Putiška, PhD.         |     |                                                                        |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                   |     |                                                                        |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                   |     |                                                                        |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                          |     |                                     |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------|-----|-----|-----|
| <b>University:</b> Comenius University in Bratislava                                                                                                                                                                     |     |                                     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                     |     |     |     |
| <b>Course ID:</b><br>PriF.KGP/N-bGDG-004/16                                                                                                                                                                              |     | <b>Course title:</b><br>Volcanology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / 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 |     |                                     |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |     |                                     |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                          |     |                                     |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 3                                                                                                                                                  |     |                                     |     |     |     |
| A                                                                                                                                                                                                                        | B   | C                                   | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                    | 0,0 | 0,0                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Jozef Hók, CSc.                                                                                                                                                                             |     |                                     |     |     |     |
| <b>Last change:</b>                                                                                                                                                                                                      |     |                                     |     |     |     |
| <b>Approved by:</b> prof. RNDr. Roman Aubrecht, Dr.                                                                                                                                                                      |     |                                     |     |     |     |