| **1. Course title:** Introduction to Geology | | | | |
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| **2. Code:** | | **3. Type (lecture, seminar, laboratory):** laboratory | | |
| **4. Total of contact hours:** 26 hours | | **5. Number of credits (ECTS):** 2 | | |
| **6. Pre-requisites (max. 3):** none | | | | |
| **7. Announced:** ☒ autumn semester, ☐ spring semester, ☐ both semesters | | | | |
| **8. Limit for participants:** 20 | | | | |
| **10. Instructor-in-charge (faculty, institute and department):**  Amadé HALÁSZ, PhD (FS, Institute of Geography, Department of Geology and Meteorology) | | | | |
| **11. Instructor(s) and percentage:** | | Amadé HALÁSZ | | 100 % |
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| **12. Language:** English | | | | |
| **13. Course objectives and learning outcomes:**  Aims:  1. To provide an understanding of the visible properties of minerals, rocks, and fossils.  2. To provide an understanding of the geological map and its usage.  2. To apply applied geological concepts to illustrate their own measurements.  Knowledge:  On successful completion of this course students are expected *to be able to identify the most common minerals, rocks and fossils. Able to use geological compass and able the illustrate the measured data.*  Subject-specific skills:  *On successful completion of the course students are expected to be able to: present basic geological data, and understand the basics of geology in practice.* | | | | |
| **14. Course outline / Milestones**   1. Introduction and orientation 2. Morphological cross-section over continents 3. Crystallography and Minerals 4. Minerals under microscope 5. Mineral identification in practice 6. Sedimentary Rocks 7. Igneous Rocks 8. Midterm exam and Metamorphic rocks 9. Palaeontology 10. Rocks under microscope 11. The geological compass 12. Geophysics in practice 13. Exam | | | | |
| **15. Mid-semester works**  Week 8 Midterm exam | | | | |
| **16. Summative assessment, formative assessment**  Evaluation is based on one midterm exam on week 8 and one final written exam at the end of the semester. Exams: Grading percentages may vary according to the position of the Gauss curve, but the approximate ranges are the followings:  just less than 50% = 1  50 to 64.99% = 2  65 to 74.99% = 3  75 to 84.99% = 4  85+% = 5  Attendance at all activities will be monitored. Students who fail to attend the activities, or to complete the summative or formative assessment specified above, will not gain the credit for the course. | | | | |
| **17. Reading assignments:**   1. Course notes | | | | |
| **18. Recommended texts:** | | | | |
| **Date** | 13 November, 2017 | **Prepared** |  | |
| Amadé HALÁSZ PhD  instructor-in-charge | |
| **Endorsed** | | |  | |
| András TRÓCSÁNYI PhD leader of the program | |