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| **Study program:** Class Teacher Education |
| **Type and level of studies:** Bachelor studies, first cycle degree program |
| **Course unit:** Teaching practice in Mathematics |
| **Teacher in charge:** Nenad Vulovic, PhD, assistant professor |
| **Language of instruction:** English |
| **ECTS:** 7 ECTS, mandatory |
| **Prerequisites:** student must pass exam in Methodology of Teaching Mathematics (lower primary) |
| **Semester:** Winter and summer semester (VII and VIII) |
| **Course unit objective**Introducing students to: practical teaching of mathematics from fist to fourth primary grades; use of modern technology in teaching mathematics; methodological transformation of programs; modelingdifferent types of classes; adjustments of content capabilities to each student; self-assessment, self-monitoring and evaluation of students' work |
| **Learning outcomes of Course uni**Upon completion of this course, students will be able to: shape, modify and perform methodical transformation of mathematical content from first to fourth pimary grade; adjust the mathematical content to children by creating individual education plan; prepares teaching hours and practically implemented the program content; carried out a methodical analysis of classes which they perform or their colleagues. |
| **Course unit contents** *Theoretical classes* Educational standards in mathematics for the end of the first cycle of compulsory education; Evaluation of written preparations for working hours and evaluation of working hour; individual educational plan in mathematics; working with pupils showing special interest in mathematics.*Practical classes* Design and methodical transformation of mathematical contents in curriculum from first to fourth primary grade; preparation mathematical lessons; Evaluation and self-evaluation of math class; writing and implementation of individual educational plan. |
| **Literature**Skemp, R. R. (1971). *The Psychology of Learning Mathematics*. London: Penguin Books.Anghileri, J. (2001). *Principles and Practicies in Arithmetic Teaching (Innovative approaches for the primary school)*. Buckingham: Open University Press.Bolt, B., Hobbs, D. (1993). *101 mathematical projects*. Cambridge: Cambridge University Press.*Different textbooks which children use in school.* |
| **Number of active teaching hours** | **Other classes**  |
| Lectures:30 | Practice:60 | Other forms of classes | Independent work: 25 hours |
| **Teaching methods** Lectures, practice, student independent work. |
| **Examination methods (** **maximum 100 points)** |
| **Exam prerequisites** | **No. of points:** | **Final exam**  | **No. of points:** |
| Student’s activity during lectures | 5 | oral examination | 25 |
| practical classes/tests | 50 | written examination | 20 |
| Seminars/homework |  | *..........* |  |
| Project |  |  |  |
| Other |  |  |  |

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| **Grading system** |
| **Grade** | **Number of points** | **Description** |
| 10 | 91-100 | Excellent |
| 9 | 81-90 | Exceptionally good |
| 8 | 71-80 | Very good |
| 7 | 61-70 | Good |
| 6 | 51-60 | Passing |
| 5 | ≤50 | Failing |