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| **Study program:** Class Teacher Education |
| **Type and level of studies:** Bachelor studies, first cycle degree program |
| **Course unit:** Methodology of teaching Mathematics (upper primary) |
| **Teacher in charge:** Aleksandra Mihajlovic, PhD, associate professor |
| **Language of instruction:** English |
| **ECTS:** 5 ECTS, elective |
| **Prerequisites:** / |
| **Semester:** Winter semester or summer semester (VII or VIII) |
| **Course unit objective**To build students skills and abilities to successfully teach and organize mathematics instruction in grades five and six of primary school and to prepare them for permanent professional development |
| **Learning outcomes of Course unit**Upon completion of this course, students will be able to: know how children learn primary mathematics in grades five and six of primary school, know the content and how to teach it, plan and implement effective teaching and learning. |
| **Course unit contents** *Theoretical and practical classes****Part 1 (3 credits):*** Psychological aspects of mathematics teaching in upper grades of primary school. Methodological approach to teaching upper primary mathematics contents in grade 5.***Part 2 (2 credits):*** Methodological approach to teaching upper primary mathematics contents in grade 6. Lesson planning in primary mathematics teaching. Some organizational aspects of primary mathematics teaching. |
| **Literature**Teaching student-centred mathematics : grades 3-5 / John A. Van de Wale ; Louann H. LovinMaterials from lectures |
| **Number of active teaching hours** | **Other classes**  |
| Lectures (including tutorials):30 | Practice: 15 | Other forms of classes: | Independent work: 40 hrs |
| **Teaching methods** 8 x 2hrs Lectures (including tutorials, class is a combination of theoretical and practical activities), Independent Study |
| **Examination methods (** **maximum 100 points)** |
| **Exam prerequisites** | **No. of points:** | **Final exam**  | **No. of points:** |
| Student’s activity during lectures | 30 | oral examination |  |
| practical classes/tests |  | written examination |  |
| Project |  | 2x1 word project | 70 |
| 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 |