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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. Lovin  Materials 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 |